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| 1. | If $x = \frac{1}{1+\sqrt{2}} + \frac{1}{\sqrt{2}+\sqrt{3}}$ | $\frac{1}{\sqrt{3}+\sqrt{4}}$ + | $+\frac{1}{\sqrt{8}+\sqrt{9}}$ , |
|----|-------------------------------------------------------------|---------------------------------|----------------------------------|
|    | then the value of $x$ is                                    | •                               |                                  |
|    | (a) 0                                                       | (b) 1                           |                                  |
|    | (c) 2                                                       | (d) 3                           |                                  |
| 2. | If $2^{2x+y} = 4^{x-y-3} = 1$ , then                        | (x, y) is                       |                                  |
|    | (a)(-1,-2)                                                  | (b) (-1, 2                      | 2)                               |
|    | (c) $(1, 2)$                                                | (d) (1, -2                      | 2)                               |
| 3. | The following observati                                     | ons have bee                    | n arranged                       |
|    | in ascending order:                                         |                                 |                                  |
|    | 29,32,48,50,x,x+2,                                          | 72, 78, 84, 95                  | 1 0                              |
|    | If the median of the data                                   | i is 63, then the               | he value of                      |
|    | x is                                                        | $(h) \in A$                     |                                  |
|    | (a) 65                                                      | (0) 04                          |                                  |
|    | (c) 63                                                      | (d) 62                          |                                  |
| 4. | The area of shade                                           | d A                             | В                                |
|    | region in the give                                          | n                               |                                  |
|    | figure, where ABCD is                                       | a                               |                                  |
|    | square of side 14 cm is                                     |                                 |                                  |
|    | (a) $58 \text{ cm}^2$                                       |                                 |                                  |
|    | (b) $83 \text{ cm}^2$                                       | Ď                               | C                                |
|    | (c) $40 \text{ cm}^2$                                       |                                 |                                  |
|    | (d) $42 \text{ cm}^2$                                       |                                 |                                  |
| 5. | Other zeros of $3x^4 + 6x^3$                                | $-2x^2-10x$                     | – 5, if two                      |
|    | of its zeroes are $\sqrt{\frac{5}{3}}$ and                  | $1 - \sqrt{\frac{5}{3}}$ are    |                                  |
|    | (a) 1, 1                                                    | (b) -1, -1                      |                                  |
|    | (c) 0, 1                                                    | (d) $\frac{5}{3}$ , -           | $\frac{5}{3}$                    |
|    |                                                             | 1                               | · · · · · · · · · ·              |

6. Values of a and b for which the following pair of linear equations have an infinite number of solutions are

$$2\mathbf{x} + 3\mathbf{y} = 7$$

(a-b)x + (a+b)y = 3a+b-2(a) a = -5, b = 1 (b) a = 5, b = -1

(c) 
$$a = 5, b = 1$$
 (d)  $a = -5, b = -1$ 

7. If the number of square centimeters on the surface of a sphere is equal to the number of cubic centimeters in its volume, then the diameter of the sphere is:

(a) 4 cm (b) 5 cm (c) 6 cm (d) 3 cm

The floor of a rectangular hall has a perimeter 250 m. If the cost of painting the four walls at the rate of Rs. 10 per m<sup>2</sup> is Rs. 15000, then the height of the hall is:

(a) 5 m (b) 8 m (c) 6 m (d) 7 m

9. The roots of  $x + \frac{1}{x} = 3$ ,  $x \neq 0$  are (b)  $\frac{3}{2}, -\frac{3}{2}$ (a)  $3, \frac{1}{2}$ (d)  $\frac{3+\sqrt{5}}{2}, \frac{3-\sqrt{5}}{2}$ (c)  $\frac{\sqrt{5}}{2}, \frac{-\sqrt{5}}{2}$ 10. Which term of the A.P.: 3, 15, 27, 39, ..... will be 132 more than its 54<sup>th</sup> term? (a)  $45^{th}$  term (b)  $55^{\text{th}}$  term (c)  $65^{th}$  term (d)  $35^{\text{th}}$  term 11. Two A.P.s have the same common difference. The difference between their 100<sup>th</sup> term is 100, then the difference between their 1000<sup>th</sup> term is (a) 10 (b) 100 (c) 1000 (d) None 12. If sin  $3A = \cos (A - 26^\circ)$ , where 3A is an acute angle, then the value of A is (b)  $A = 64^{\circ}$ (a)  $A = 13^{\circ}$ (d)  $A = 26^{\circ}$ (c)  $A = 29^{\circ}$ 13. ABC and BDE are two equilateral triangles such that D is the mid-point of BC. The ratio of areas of triangles ABC and BDE is (b) 1 : 4 (a) 4:1 (d) 1:2(c) 2:114. In figure, PS is the bisector of  $\angle QPR$ , in the  $\Delta PQR$ . If PQ = 6cm, PR = x cm, QS = 4cm and RS = 3cm, then the value of x is



15. If (1, 2), (4, y), (x, 6) and (3, 5) are the vertices of a parallelogram taken in order, then x and y are

| ·                  | and the second sec |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (a) $x = 3, y - 1$ | (b) $x = 4, y = 1$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| (c) $x = 5, y = 2$ | (d) $x = 6, y = 3$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

16. The centre of a circle passing through the points (6, -6), (3, -7) and (3, 3) is

| (a) (2, 3)  | (b) (3, -2)  |
|-------------|--------------|
| (c) (-3, 2) | (d) (-2, -3) |

17. If the points (7, -2), (5, 1) and (3, k) are collinear, then the value of k is equal to:

| (a) | 1 | - | (b) | 2 |
|-----|---|---|-----|---|
| (c) | 3 |   | (d) | 4 |

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18. In the given figure, the side QR of  $\Delta PQR$  is produced to a point S. If the bisector of  $\angle PQR$ and  $\angle PRS$  meet at point T, then  $\angle QTR$  is equal to



60 - 75

10

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2013-2014                   |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5                           |
|     | 75 100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (b) 45                      |
|     | (a) 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (d) 50                      |
|     | (c) 48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | robability that both show   |
| 26. | Two dice are rolled.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |
|     | six 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (b) 1 /1 <b>8</b>           |
|     | (a) $1/30$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | (d) 1 / 2                   |
| 27  | (c) 170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | have equal surface area.    |
| 27. | A sphere and a sph | is                          |
|     | Katio Gran                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | (b) π : 6                   |
|     | (a) $\sqrt{0}$ ; $\sqrt{n}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | (d) $36:\pi$                |
|     | (c) $6:\pi$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | nolvgon is equal to the     |
| 28. | Number of sides of a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | is then the polygon is a    |
|     | number of its diagona                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (b) Hexagon                 |
|     | (a) Pentagon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | (d) Octagon                 |
|     | (c) Heptagon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | n of 100 values is 50 and   |
| 29. | If the Arithmetic Net                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | en the approximate value    |
|     | of Mode is                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                             |
|     | (a) 44                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | (b) 46                      |
|     | (a) $49$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | (d) 54                      |
| 20  | The angle between t                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | he hour hand and minute     |
| 30. | hand of a clock at 10:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10 is                       |
|     | (a) $60^{\circ}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (b) 105°                    |
|     | (c) $115^{\circ}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (d) 120°                    |
| 31  | An organism which                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | obtains nourishment from    |
| 51. | another larger living                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | organism and harms it also  |
|     | is best defined as                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                             |
|     | (a) Parasite                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | (b) Autotroph               |
|     | (c) Saprophyte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (d) Symbiont                |
| 32. | Which of the followi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ng cannot multiply outside  |
|     | the living cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                             |
|     | (a) Bacteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | (b) Protozoa                |
|     | (c) Viruses                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | (d) Fungi                   |
| 33. | Those plants that g                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | row in places with scanty   |
|     | water are called as                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                             |
|     | (a) Mesophytes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (b) Hydrophytes             |
|     | (c) Xerophytes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (d) Epiphytes               |
| 34. | Which one of the fo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ollowing is called "Suicide |
|     | Bag" of a cell?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | C                           |
|     | (a) Plastids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | (b) Lysosome                |
|     | (c) Golgi Apparatus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (d) None of these           |
| 35  | The organisms that                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | feed on both plants and     |
| 500 | animals are                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | of our plants and           |
|     | (a) Carnivorous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (h) Parasitic               |
|     | (a) Carmitolous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (U) I al asilic             |

(c) Herbivorous (d) Omnivorous 36. Which is not an example of connective tissue (a) Tendon (b) Cartilage

(c) Blood (d) Neuron

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| 37. | Sea urchin belongs to                                           | (a) Trilobite (b) Ammonite                                        |
|-----|-----------------------------------------------------------------|-------------------------------------------------------------------|
|     | (a) Echinodermata (b) Mollusca                                  | (c) Dinosaur (d) Brachiopod                                       |
|     | (c) Arthropoda (d) Cnidaria                                     | 49. Morphological evidence of evolution is not                    |
| 38  | Archaeopteryx is considered missing link between                | exhibited by<br>(a) Fossils                                       |
|     | (a) Fishes and amphibians                                       | (b) Homologous organs                                             |
|     | (b) Birds and reptiles                                          | (c) Analogous organs                                              |
|     | (c) Birds and mammals                                           | (d) DNA sequence homology                                         |
|     | (d) Reptiles and mammals                                        | 50. Which is not correct                                          |
| 39  | . Villi are present in                                          | (a) Y bearing sperm + X - bearing egg $\rightarrow$ Male foetus   |
|     | (a) Small Intestine (b) Lungs                                   | (b) X bearing sperm + X - bearing egg $\rightarrow$ Female foetus |
|     | (c) Large Intestine (d) Both (a) & (c)                          | (c) X - bearing sperm + Y bearing egg $\rightarrow$ Female foetus |
| 40. | The deficiency of iodine in the diet of a person                | (d) XX - bearing sperm +X - bearing egg $\rightarrow$             |
|     | causes disease known as 'goitre'. This is                       | Abnormal female foetus                                            |
| `   | because of reduction in the production of a                     | 51. Which is the capital of Spain?                                |
|     | (a) Insulin (b) Thyroxin                                        | (a) Barcelona (b) Madrid                                          |
|     | (a) Insum (b) Inyroxiii                                         | (c) Lisbon (d) Gibraltor                                          |
| 41  | (c) Glucagon (d) Lestosterone                                   | 52. Ranji Trophy is associated with                               |
| 41. | following parts                                                 | (a) Tennis (b) Cricket                                            |
|     | (a) Proin                                                       | (c) Hockey (d) Kabaddi                                            |
|     | (a) Liant (b) Lungs                                             | 53. Leander Paes is a famous Indian player of                     |
| 40  | (c) Heart (d) Stomach                                           | (a) Tennis (b) Golf                                               |
| 42. | which one is wrong?                                             | (c) Volley Ball (d) Foot Ball                                     |
|     | (a) Catabolism and anabolism $\rightarrow$ Metabolism           | 54. NCERT is concerned with                                       |
|     | (b) Meiosis and fertilization $\rightarrow$ Sexual reproduction | (a) Film (b) Sports                                               |
|     | (c) Abiotic and biotic components $\rightarrow$ Ecosystem       | (c) Education (d) Law                                             |
|     | (d) Prebiotic and abiotic components $\rightarrow$ Ecosystem    | 55. Tsunami had struck Andaman and Nicobar in                     |
| 43. | Which enzyme is present in saliva?                              | (a) 2004 (b) 2005                                                 |
|     | (a) Pepsin (b) Trypsin                                          | (c) $2006$ (d) $2007$                                             |
|     | (c) Amylase (d) None                                            | 56 Kofi Annan is the                                              |
|     | of these                                                        | (a) Present Secretary General of the LIN                          |
| 44. | Pinus is included in which group of Plantae?                    | (a) I resent Secretary General of the UN                          |
|     | (a) Pteridophyta (b) Bryophyta                                  | (b) Former Secretary General of the UN                            |
|     | (c) Gymnosperms (d) Angiosperms                                 | (c) Former President of the World Bank                            |
| 45. | The three 'R' of reducing pressure on                           | (d) Present President of the World Bank                           |
|     | environment do not include                                      | 57. PDS stands for                                                |
|     | (a) Refuse (b) Reduce                                           | (a) Poor Development Scheme                                       |
|     | (c) Recycle (d) Reuse                                           | (b) Poor Distribution Scheme                                      |
| 46. | Sea Horse (Hinpocampus) comes in which                          | • (c) Public Distribution System                                  |
|     | group of Vertebrates                                            | (d) Private Distribution System                                   |
|     | (a) Amphibia                                                    | 58. Quartz is made of                                             |
|     | (c) Pantilos (l) D'                                             | (a) Iron and Carbon (b) Silicon and Oxygen                        |
| 17  | (c) Reputes (a) Pisces                                          | (c) Iron and Nitrogen (d) Silicon & Hydrogen                      |
| 47. | in a Food Chain, which one of the following is                  | 50 Mummu is                                                       |
|     | the starting point                                              |                                                                   |
|     | (a) Primary consumers                                           | (a) A dead body                                                   |
|     | (b) Secondary consumers                                         | (b) A name for a witch                                            |
|     | (c) Tertiary consumers                                          | (c) An embalmed dead body                                         |
|     | (d) Producers                                                   | (d) The American slang word for mother                            |

<sub>e</sub>

48. Which is not an invertebrate fossil form?

HALL BEACH

## +2 AMU Sci. / Dip. Eng

(d) Presbyopia

| <ul> <li>60. Who formulated first the laws of planetary motion?</li> <li>(a) Kepler (b) Newton (c) Galileo (d) Einstein</li> <li>(b) Kepler (d) Einstein</li> <li>(c) Hindus (d) Rival Muslim sects</li> <li>(c) How and the fore section of the object (e) Acceleration of the object (e) Acceleration of the object (e) Acceleration of the object (f) Force acting on the ball would want occeving a short on a level ground. After covering a short form the sect of the cath?</li> <li>(f) Aduit Muslim Actad (f) (f) Ham Malam</li> <li>(g) Matim Muhammad Sid (f) Maxim Muhammad Sid (f) Minam Mubammad Si (pbuh) last days?</li> <li>(g) Atu Bakr (f) Umar (f) Hamdand</li> <li>(g) Katter conquering Makkah Prophet Muhammad Si (pbuh) last days?</li> <li>(g) Adui Almatib was Prophet Muhammad Si (pbuh) (a) Bakm (f) Parker (f) Grandfather (f) Father (f) Grandfather (f) Father (f) Grandfather (f) Father (f) Grandfather (f) Fath</li></ul>                                                                                         |     | Paper                                        |                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------|--------------------------------------------------------|
| motion?motion?motion?(a) Kepler(b) Nexton(c) Galico(d) Einstein(1) Who did destroy the sent of the Naqshbandi(a) The magnitude of the displacement(a) Sikin (t)(b) British(c) Hindus(d) Rival Muslim sects(c) Kawaja Moinuddin Chisti passed away in(a) 1098(a) 1098(b) 1176(c) 1209(d) 12126(d) Arabic College was established in(a) Weight(a) 24 cutta in 1875(b) Aligarh in 1877(c) Hardnad in 1920(d) Defhi in 1822(d) Defhi in 1825(b) 1309-1498(c) 1206-1526(d) 1367-1483(c) Abul Mari in Delhi is located next to(a) Masjid(b) Mulaminad Siid(c) Moi Masjid(c) 1526 (d) 1367-1483(c) Mam Abijid(c) 1526 (d) 1367-1483(c) Minar in Delhi is located next to(a) Masjid(c) Mari Masjid(c) Mam Masjid(c) 15 seconds(d) Kali Masjid(c) 15 seconds(d) Kali Masjid(c) 15 seconds(e) Muhammad Sid(f) Who among the following is not a compilor of(a) ShahWaliullah (b) Imam Malik(c) Imam Nasai(d) Alii(e) Usman(d) Alii(f) After Grupering Micha Prophet Muhammad's(pbuh) got all the Makkan unbelievers:(a) Killed(b) exilled(b) Adui-Mutalib was Prophet Muhammad's (pbuh)(c) Father(d) Grandfathr(f) An object is moving with uniform velocity.(f) Father(d) Grandfathr(f) An object is moving wit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 60. | Who formulated first the laws of planetary   | graph between any two instants $t = t_1$ and $t - t_2$ |
| <ul> <li>(a) Kepler (b) Newton (c) Einstein</li> <li>(b) Weldit (estroy the same of the Naqsbhandi ord is state of motion is called its (c) Hindus (d) Rival Muslim sects</li> <li>(c) Hindus (d) Rival Muslim sects</li> <li>(d) Nomentum (e) Weight (f) Porce acting on the object</li> <li>(e) Local-tasi (f) Homentum (e) Weight (f) Porce acting on the object</li> <li>(f) Homentum (e) Weight (f) Porce acting on the object</li> <li>(g) Declaration of the conject</li> <li>(h) Momentum (e) Weight (f) Porce acting on the object</li> <li>(h) Momentum (e) Weight (f) Porce acting on the object</li> <li>(h) Momentum (e) Weight (f) Porce acting on the object</li> <li>(h) Momentum (e) Weight (f) Porce acting on the object</li> <li>(h) Momentum (e) Weight (f) Porce acting on the object</li> <li>(h) Momentum (e) Weight (f) Porce acting on the object</li> <li>(h) Momentum (e) Weight (f) Porce acting on the object</li> <li>(h) Momentum (e) Weight (f) Porce acting on the object</li> <li>(h) Momentum (e) Porce acting on the object</li> <li>(h) Attain 1877</li> <li>(h) Adgith in 1827</li> <li>(h) Adgith in 1827</li> <li>(h) Jana Masjid</li> <li>(h) Locatin Port (h) Janam Malik</li> <li>(h) Muhammad Sid</li> <li>(h) Muhammad Sid</li> <li>(h) Muhammad Sid</li> <li>(h) Muhammad Sid</li> <li>(h) Minimidi (h) Jimam Malik</li> <li>(h) Atim Mubammad Sid</li> <li>(h) Atim Poroset Muhammad's (pbuh) got all the Makkan unbelievers:</li> <li>(h) Killed (h) Piram Malik</li> <li>(h) There is on other 4 seconds/ Assuming the speed of sound in air at the given temperature to be 346 m/s, calculate the distance of the cliff from the person</li> <li>(h) Atim Minim</li> <li>(h) Atim Minimad (h) Ali</li> <li>(h) Atim Sid (h) Piram Malik</li> <li>(h) Atim Mubammad's (pbuh)</li> <li>(h) Atim Mubammad's (pbuh)</li> <li>(h) Kali Masi (h) Oranaffat</li></ul>                                                                                         |     | motion?                                      | gives us                                               |
| <ul> <li>(c) Galileo (d) Einstein</li> <li>(d) Kho did destroy the seat of the Naqshbandi order in Shihind?</li> <li>(a) Sikhs (b) British</li> <li>(c) Huidus (d) Rival Muslim sects</li> <li>(c) Huidus (d) Rival Muslim sects</li> <li>(d) Force acting on the object</li> <li>(e) Ceclein of the object</li> <li>(f) Corea acting on the object</li> <li>(g) Force acting on the object</li> <li>(h) Key and the Nagshbandi (e) Force acting on the object</li> <li>(h) Key and the Nagshbandi (e) Force acting on the object</li> <li>(h) Key and the Nagshbandi (e) Force acting on the object</li> <li>(h) Key and the Nagshbandi (e) Force acting on the object</li> <li>(h) Key and the Nather Nagshbandi (e) Force acting on the object</li> <li>(h) Key and the Nather Nagshbandi (e) Force acting on the object</li> <li>(h) Key and the Nather Nagshbandi (e) Huider Astation of the object</li> <li>(h) Key and the Nather Nagshbandi (e) Hyderabad in 1920</li> <li>(h) Joeff in 1825</li> <li>(c) Lyderabad in 1920</li> <li>(c) Hyderabad in 1920</li> <li>(c) Hyderabad in 1920</li> <li>(d) Joeff in 1825</li> <li>(c) Lyderabad in 1920</li> <li>(d) Joeff in 1825</li> <li>(d) Deffi in 1825</li> <li>(e) Lyderabad in 1920</li> <li>(d) Joeff in 1825</li> <li>(e) Main Masjid</li> <li>(f) Muhammad Aji Jauhar</li> <li>(c) Adui Matalib (b) Imam Malik</li> <li>(c) Imam Nasai</li> <li>(d) Hakim Muhammad Said</li> <li>(f) Muita Muslamad Said</li> <li>(f) Mo aenong the following is not a compilor of Hadith</li> <li>(g) Shah Waliullah (b) Imam Malik</li> <li>(g) Mare should an object of the size of the object?</li> <li>(a) Abul-Mutalib was Prophet Muhammad's (pbuh) got all the Makkan unbelievers.</li> <li>(a) Killed (b) exiled</li> <li>(b) At infinity</li> <li>(c) Father (c) Goroanfather</li> <li>(f) An big the moving with uniform velocity. The area enclosed under the velocity-time</li> <li< td=""><td></td><td>(a) Kepler (b) Newton</td><td>(a) The magnitude of the chiect</td></li<></ul> |     | (a) Kepler (b) Newton                        | (a) The magnitude of the chiect                        |
| <ul> <li>61. Who did destroy the seat of the Naqshbandi order in SIrhind?</li> <li>(a) Tote in SIrhind?</li> <li>(a) Khwaja Moinuddin Chisti passed away in</li> <li>(a) 1098 (b) 1176</li> <li>(c) 1209 (d) 1236</li> <li>(c) Arabic College was established in</li> <li>(a) Cacutta in 1875</li> <li>(b) Aligarh in 1877</li> <li>(c) Hyderabad in 1920 (d) 1236</li> <li>(d) Argarh in 1877</li> <li>(e) Aligarh in 1877</li> <li>(f) Adduth in 1825</li> <li>(f) Aligarh in 1877</li> <li>(g) 206-1526 (d) 1367-1483</li> <li>(g) 206-1526 (d) 1367-1483</li> <li>(g) 206-1526 (d) 1367-1483</li> <li>(h) Maigid Quwwat al-Islam</li> <li>(h) Maigid Quwwat al-Islam</li> <li>(h) Mammad Ali Jauhar</li> <li>(c) Moti Masjid</li> <li>(d) Hakim Muhammad Said</li> <li>(e) Moti Masjid</li> <li>(f) Huahammad Said</li> <li>(f) Who among the following is not a compilor of Harddar?</li> <li>(a) Abul Kalam Azad</li> <li>(b) Mammad Aki Jauhar</li> <li>(c) Imam Nasai (d) Imam Abu Dawud</li> <li>(f) Who among the following is not a compilor of Hardina?</li> <li>(a) Abul Bakr (b) Umar</li> <li>(c) Imam Nasai (d) Imam Abu Dawud</li> <li>(f) Makah Prophet Muhammad's (pbuh) last days?</li> <li>(g) After conquering Makkah Prophet Muhammad's (pbuh) fast days?</li> <li>(g) After conquering Makkah Prophet Muhammad's (pbuh) fast days?</li> <li>(h) Kaliel (b) Excild</li> <li>(c) Father (d) Granaffather</li> <li>(d) Drate is moving with uniform velocity. The area enclosed under the velocity-time</li> <li>(d) Detween the ofical centre of the lens and its principal focus (b) Far sightedness</li> <li>(b) At infinity</li> <li>(c) Father (d) Granaffather</li> <li>(d) Area sightedness (b) Far sightedness</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | (c) Galileo (d) Einstein                     | (b) Velocity of the object                             |
| <ul> <li>(d) Force acting of the constant leaders of an object or resist any.</li> <li>(e) Hindus (d) Rival Muslim sects</li> <li>(f) Hous (d) Rival Muslim sects</li> <li>(f) Hous (f) Rival Muslim sects</li> <li>(f) Rival Muslim indian history was from</li> <li>(g) Lock-1526 (f) 1367-1483</li> <li>(g) Auto Haim (f) Rival Muslim Indian history was from</li> <li>(g) Lock-1526 (f) 1367-1483</li> <li>(g) Auto Haimid (f) Hous (f) Hous (f) Rival Muslim</li> <li>(g) Addi Quwwat al-Islam (f) Hous (f) Rival Muslim Addi (f) Hakim Muhammad Said</li> <li>(g) Moti Masjid</li> <li>(g) Anter conquering Makkah Prophet Muhammad's (pbuh) last days?</li> <li>(h) Abdul-Muttalib was Prophet Muhammad's (pbuh) (f) at lad her (f) Cousin (g) Farter (f) (f) Cousin (g) Farter</li> <li>(h) Adud-Muttalib was Prophet Muhammad's (pbuh) (f) and (h) Hous (f) Cousin (g) Farter</li> <li>(h) Classing with uniform velocity-time</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 61. | Who did destroy the seat of the Nagshbandi   | (c) Acceleration of the object                         |
| <ul> <li>(a) Sikhs (b) British (c) Hindus (d) Rival Muslim sects (e) Hindus (C) Hindus (d) 1236</li> <li>(c) Hoyderabad in 1920 (d) Defhi in 1825 (e) 1206-1526 (d) 1367-1483 (c) Momentum at leader force on the ball poposing the motion (a) Masjid Quwwat al-Islam (b) Jama Masjid (c) Moti Masjid (d) Kali Masjid (d) Hakim Muhammad Said (d) Hakim Muhammad's (pbuh) Jost all the Makkan unbelivers (a) Alti He cho after 4 seconds; Assuming the speed of sound in air at the given temperature to be 346 m/s, calculate the distance of the cliff from (a) Target (d) pardoned (d) pardoned (d) Pardoned (d) Lore (b) Cousin (c) Father (d) Grandfather (d) Gra</li></ul>                                                                                         |     | order in Sirhind?                            | (d) Force acting on the cash object to resist any      |
| <ul> <li>(c) Hindus (d) Rival Muslim sects</li> <li>(a) 1098 (b) 1176</li> <li>(c) 1209 (d) 1236</li> <li>(c) 1209 (d) 1236</li> <li>(c) Anglo-Arabic College was established in</li> <li>(a) Calculatin 1875</li> <li>(b) Aligarh in 1877</li> <li>(c) Hyderabadi in 1920</li> <li>(d) Jertiain 1825</li> <li>(e) Hyderabadi in 1920</li> <li>(d) Jertiain 1825</li> <li>(e) Hyderabadi in 1920</li> <li>(d) Jertiain 1825</li> <li>(e) Lode-1526 (d) 1367-1483</li> <li>(f) Uana Masjid</li> <li>(g) Muti Masjid</li> <li>(h) Muhammad Ali Jauhar</li> <li>(c) Abul Kalam Azad</li> <li>(d) Kali Masjid</li> <li>(e) Abul Kalam Azad</li> <li>(d) Hakim Muhammad Said</li> <li>(e) Abul Kalam Azad</li> <li>(d) Hakim Muhammad Said</li> <li>(e) Hunam Sasi (d) Imam Abu Dawud</li> <li>(f) Mohammad Ali Jauhar</li> <li>(c) Juman Sasi (d) Imam Abu Dawud</li> <li>(g) Maharina (d) Alii</li> <li>(h) Jamam Abi (d) Alii</li> <li>(h) Limam (h) Abul Mutammad's (pbuh) ast days?</li> <li>(a) Abul-Muttalib was Prophet Muhammad's (pbuh) (a) Uncle</li> <li>(b) Aduu-Muttalib was Prophet Muhammad's (pbuh) (a) Uncle</li> <li>(b) Cousin</li> <li>(c) Farber</li> <li>(d) Aduu-Muttalib was Prophet Muhammad's (pbuh) (a) Uncle</li> <li>(b) Cousin</li> <li>(c) Farber</li> <li>(d) Adub Adut Baiman (s) (pardoned</li> <li>(e) Farber</li> <li>(f) An object is moving with unifform velocity-time</li> <li>(h) Star sightedness</li> <li>(b) Far sightedness</li> <li>(b) Far sightedness</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                             |     | (a) Sikhs (b) British                        | 72. The natural tendency of motion is called its       |
| <ul> <li>62. Khwaja Moinuddin Chisti passed away in <ul> <li>(a) 1098</li> <li>(b) Aligarh in 1877</li> <li>(c) Hyderabad in 1920</li> <li>(d) Defhi in 1825</li> </ul> </li> <li>63. Sultant period in Muslim Indian history was from <ul> <li>(a) 1268-1512</li> <li>(b) 1309-1498</li> <li>(c) 1260-1526</li> <li>(d) 1367-1483</li> </ul> </li> <li>65. Qutb Minar in Delhi is located next to <ul> <li>(a) Masjid</li> <li>(c) Abul Masjid</li> <li>(d) Kali Masjid</li> <li>(e) Abul Kalam Azad</li> <li>(f) Muamimad Ali Jauhar</li> <li>(g) Abul Kalam Azad</li> <li>(g) Ham Mushammad's Gid</li> </ul> </li> <li>66. Who was the editor of Hamdard? <ul> <li>(a) Abali Masjid</li> <li>(b) Muhamimad Said</li> <li>(c) Abul Kalam Azad</li> <li>(c) Imam Nasai (d) Alii</li> </ul> </li> <li>67. A hear conquering Makkah Prophet Muhammad' (pbuh) got all the Makkan unbelivers <ul> <li>(a) Uncle</li> <li>(b) Cousin</li> <li>(c) Father</li> <li>(d) Drand father</li> </ul> </li> <li>71. An object is moving with uniform velocity. The area enclosed under the velocity-time</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     | (c) Hindus (d) Rival Muslim sects            | (b) Momentum                                           |
| <ul> <li>(a) 1098 (b) 1176 (c) 1209 (d) 1236</li> <li>(b) Aligarh in 1875 (b) Aligarh in 1877 (c) Hearbad in 1920 (d) Defhi in 1825</li> <li>(c) Hyderabad in 1920 (d) Defhi in 1825</li> <li>(c) Hyderabad in 1920 (d) 1267-1483</li> <li>(d) Lagarh in 1825 (d) 1367-1483</li> <li>(e) 1206-1526 (d) 1367-1483</li> <li>(f) Jama Masjid (Quwwat al-Islam (b) Jama Masjid (d) Naii Masjid (Quwwat al-Islam (b) Jama Masjid (d) Kali Masjid (Q) Watar al-Islam (b) Jama Masjid (d) Kali Masi (d) Imam Malik (c) Imam Nasai (d) Imam Abu Dawud</li> <li>(f) Ahaba Bakr (b) Umar (c) Usman (d) Ali</li> <li>(g) After conquering Makkah Prophet Muhammad's (pubh) got all the Makkan unbelievers (a) (k) Edit (c) imprisoned (d) pardoned (f) Adul-Muttali was Prophet Muhammad's (b) Cusin (a) Unel (b) Ccusin (c) Father (d) Grandfather</li> <li>(h) Adul-Muttali was Prophet Muhammad's (pubh) (c) Father (d) Grandfather</li> <li>(h) Adul-Muttali was Prophet Muhammad's (b) Cusin (c) Father (d) Grandfather</li> <li>(h) Adul-Muttali was Prophet Muhammad's (b) Cusin (c) Father (d) Grandfather</li> <li>(h) Adul-Muttali was Prophet Muhammad's (b) Cusin (c) Father (d) Grandfather</li> <li>(h) Adul-Muttali was Prophet Muhammad's (b) Cusin (c) Father (d) Grandfather</li> <li>(h) Adul-Muttali was Prophet Muhammad's (b) Cusin (c) Father (d) Grandfather</li> <li>(h) Adui Mutali ha colocet is moving with uniform velocity. The area enclosed under the velocity-time (d) Ali (d) Between the optical centre of the lens and its principal focus</li> <li>(h) At inffinity (h) Far sightedness (h) Far sightedness (h) Far</li></ul>                                                                                          | 62. | Khwaja Moinuddin Chisti passed away in       | (a) Weight (d) Inertia                                 |
| <ul> <li>(c) 1209 (d) 1236</li> <li>(c) 1206-1526 (d) 1307-1483</li> <li>(c) 1268-1512 (b) 1309-1498</li> <li>(c) 1266-1526 (d) 1367-1483</li> <li>(c) 1266-1526 (d) 1367-1483</li> <li>(c) 1206-1526 (d) 1367-1483</li> <li>(c) 1206-1526 (d) 1367-1483</li> <li>(c) 1206-1526 (d) 1367-1483</li> <li>(c) 1206-1526 (d) 1367-1483</li> <li>(c) Maijid Quwwat al-Islam</li> <li>(d) Maijid Quwwat al-Islam</li> <li>(e) Maim Abajid</li> <li>(f) Mai Masjid</li> <li>(g) Maijid Quwwat al-Islam</li> <li>(h) Maamad Ali Jauhar</li> <li>(c) Abul Kalam Azad</li> <li>(d) Hakim Muhammad Said</li> <li>(e) Abul Kalam Azad</li> <li>(f) Hakim Muhammad Said</li> <li>(f) Muhammad Ali Jauhar</li> <li>(g) Abul Kalam Azad</li> <li>(g) Hama Masaji (d) Imam Malik</li> <li>(c) Jama Masaji (d) Imam Malik</li> <li>(c) Jama Masai (d) Imam Malik</li> <li>(c) Jama Masai (d) Imam Abu Dawud</li> <li>(d) Hakim Muhammad Said</li> <li>(e) Usman (d) Ali</li> <li>(f) Abul Aliled (b) exiled</li> <li>(g) Usman (d) Ali</li> <li>(h) Adul-Muttalib was Prophet Muhammad's (pbuh) got all the Makkan unbelievers</li> <li>(a) killed (b) exiled</li> <li>(c) Imar Nasai (d) pardoned</li> <li>(d) Atter principal focus of the lens</li> <li>(e) Imprisoned (d) pardoned</li> <li>(f) At the principal focus of the lens and its principal focus</li> <li>(g) Katter (d) Grandfather</li> <li>(h) An object is moving with uniform velocity. The area enclosed under the velocity-time</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     | (a) 1098 (b) 1176                            | (c) Energy hits a cricket ball which then rolls        |
| <ul> <li>63. The Anglo-Arabic College was established in <ul> <li>(a) Calcutta in 1875</li> <li>(b) Aligarh in 1877</li> <li>(c) Hyderabad in 1920</li> <li>(d) Defhi in 1825</li> </ul> </li> <li>64. Sulfant period in Muslim Indian history was from <ul> <li>(a) 1268-1512</li> <li>(b) 1309-1498</li> <li>(c) 1206-1526</li> <li>(d) 1367-1483</li> </ul> </li> <li>65. Qutb Minar in Delhi is located next to <ul> <li>(a) Maşiid Quwvat al-Islam</li> <li>(b) Jama Maşiid</li> <li>(c) Moti Maşiid</li> <li>(d) Kali Maşiid</li> <li>(e) Moti Maşiid</li> <li>(f) Maimad Ali Jauhar</li> <li>(g) Abul Kalam Azad</li> <li>(g) Hakim Abdul Hamid</li> <li>(h) Muhammad Said</li> </ul> </li> <li>67. Who among the following is not a compilor of Hadith <ul> <li>(a) ShahWaliullah</li> <li>(b) Imam Masii</li> <li>(c) Usman</li> <li>(d) Imam Abu Dawud</li> </ul> </li> <li>68. Who did lead Prayers in Prophet Muhammad's (pbuh) pat alt dwaktan unbelievers <ul> <li>(a) killed</li> <li>(b) exiled</li> <li>(c) Imarn Masai</li> <li>(d) Makin unbelievers</li> <li>(a) killed</li> <li>(b) exiled</li> <li>(c) Imarn Masi</li> <li>(d) Daradned</li> </ul> </li> <li>70. Abdul-Muttalib was Prophet Muhammad's (pbuh) <ul> <li>(a) Killed</li> <li>(b) exiled</li> <li>(c) Father</li> <li>(d) Crandfather</li> </ul> </li> <li>71. An object is moving with uniform velocity. The area enclosed under the velocity-time</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | (c)1209 (d) 1236                             | 73. A batsman into und. After covering a short         |
| <ul> <li>(a) Calcutta in 1875</li> <li>(b) Aligarh in 1877</li> <li>(c) Hyderabad in 1920</li> <li>(d) Defhi in 1825</li> <li>(e) Defhi in 1825</li> <li>(f) Defhi in 1825</li> <li>(g) Defhi in 1825</li> <li>(g) 1206-1526</li> <li>(g) 1367-1483</li> <li>(g) Log6-1526</li> <li>(g) 1367-1483</li> <li>(g) Majid Quwwat al-Islam</li> <li>(h) Jama Masjid</li> <li>(c) Moti Masjid</li> <li>(c) Moti Masjid</li> <li>(d) Kali Masjid</li> <li>(e) Abul Kalam Azad</li> <li>(f) Hakim Abdul Hamid</li> <li>(g) Abul Kalam Azad</li> <li>(g) Abul Kalam Azad</li> <li>(g) Hakim Muhammad Said</li> <li>(h) Muhammad Said</li> <li>(h) Hakim Muhammad Said</li> <li>(h) Hakim Muhammad Said</li> <li>(h) Hakim Muhammad Said</li> <li>(h) Hakim Asad</li> <li>(h) Jimam Malik</li> <li>(h) Limam Masia</li> <li>(h) Jimam Malik</li> <li>(h) Limam Masia</li> <li>(h) Limam Malik</li> <li>(h) Limam M</li></ul>                                                                                         | 63. | The Anglo-Arabic College was established in  | distance, the ball comes to rest. The ball comes       |
| <ul> <li>(b) Aligarh in 1877</li> <li>(c) Hyderabad in 1920</li> <li>(d) Uefhi in 1825</li> <li>(e) 1266-1512</li> <li>(b) 1309-1498</li> <li>(c) 1266-1526</li> <li>(d) 1367-1483</li> <li>(e) 1206-1526</li> <li>(d) 1367-1483</li> <li>(e) 1206-1526</li> <li>(d) 1367-1483</li> <li>(e) Amay any identify a motion</li> <li>(f) There is a force on the ball, so the ball would want to come to rest the set of the ball would want to come to rest the set of the ball would want to come to rest the set of the ball would want to come to rest the set of the clarit time it takes to return to the surface of the earth?</li> <li>(a) Hakim Abdul Hamid</li> <li>(b) Muhammad Ali Jauhar</li> <li>(c) At who aid lead Prayers in Prophet Muhammad's (pbuh) got all the Makkan unbelievers</li> <li>(a) killed</li> <li>(b) At an bale would an object be placed in front of a convex lens to get a real image of the size of the object?</li> <li>(a) At the principal focus</li> <li>(b) At infinity</li> <li>(c) Father</li> <li>(d) Adaid ther</li> <li>(e) Father</li> <li>(f) An object is moving with uniform velocity. The area enclosed under the velocity-time</li> <li>(f) Between the optical centre of the lens and its principal focus</li> <li>(g) At the principal focus</li> <li>(h) At infirity</li> <li>(h) Betw</li></ul>                                                                                         |     | (a) Calcutta in 1875                         | to a stop because                                      |
| <ul> <li>(c) Hyderabad in 1920</li> <li>(d) Defhi in 1825</li> <li>(e) Lobel in Muslim Indian history was from</li> <li>(a) 1268-1512</li> <li>(b) 1309-1498</li> <li>(c) 1206-1526</li> <li>(d) 1367-1483</li> <li>(e) 1206-1526</li> <li>(d) 1367-1483</li> <li>(e) Mati in Delhi is located next to</li> <li>(a) Masjid Quwwat al-Islam</li> <li>(b) Jama Masjid</li> <li>(c) Moti Masjid</li> <li>(d) Kali Masjid</li> <li>(e) Moti Masjid</li> <li>(f) Ham Masjid</li> <li>(g) Mati Mabul Hamid</li> <li>(h) Muhammad Ali Jauhar</li> <li>(c) Abul Kalam Azad</li> <li>(d) Hakim Muhammad Said</li> <li>(e) Moti Masi (d) Imam Malik</li> <li>(c) Imam Nasai</li> <li>(d) Imam Mabu Dawud</li> <li>(e) Imam Nasai</li> <li>(f) Hand Masi (h) Imam Malik</li> <li>(g) Saconds</li> <li>(g) Saconds</li> <li>(h) Imati Mathimad Said</li> <li>(h) Hakim Abdu Hamid</li> <li>(h) Hakim Abdu Hamid</li> <li>(h) Muhammad Said</li> <li>(h) Hakim Abau Prophet Muhammad's</li> <li>(h) Bakam</li> <li>(h) Jana Masi (h) Imam Malik</li> <li>(c) Imam Nasai</li> <li>(d) Imam Abu Dawud</li> <li>(e) Imprisoned</li> <li>(d) Ali</li> <li>(f) Ahdul-Mutalib was Prophet Muhammad's</li> <li>(g) Kilted</li> <li>(h) Earler</li> <li>(h) Loncle</li> <li>(h) Cousin</li> <li>(c) Father</li> <li>(d) Grandfather</li> <li>(a) Nobject is moving with uniform velocity. The area enclosed under the velocity-time</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     | (b) Aligarh in 1877                          | (a) The batsman did not hit the ball opposing the      |
| <ul> <li>(d) Defhi in 1825</li> <li>Sultant period in Muslim Indian history was from <ul> <li>(a) 1268-1512</li> <li>(b) 1309-1498</li> <li>(c) 1206-1526</li> <li>(d) 1367-1483</li> </ul> </li> <li>(a) Masjid Quwwat al-Islam <ul> <li>(b) Main molelhi is located next to</li> <li>(a) Masjid Quwwat al-Islam</li> <li>(b) Main Magiid</li> <li>(c) Moti Masjid</li> <li>(d) Kali Masjid</li> <li>(e) Moti Masjid</li> <li>(f) Mammad Ali Jauhar</li> <li>(g) Abul Kalam Azad</li> <li>(g) Ihakim Abul Hamid</li> <li>(h) Muhammad Ali Jauhar</li> <li>(c) Abul Kalam Azad</li> <li>(d) Hakim Muhammad Said</li> </ul> </li> <li>67. Who among the following is not a compilor of Hadith <ul> <li>(c) Imam Nasiai</li> <li>(d) Imam Malik</li> <li>(c) Imam Nasiai</li> <li>(d) Imam Abu Dawud</li> </ul> </li> <li>68. Who did lead Prayers in Prophet Muhammad's (pbuh) last days? <ul> <li>(a) Abul -Muttalib was Prophet Muhammad's (pbuh) got all the Makkan unbelievers.</li> <li>(a) Killed</li> <li>(b) Evailed</li> <li>(c) imprisoned</li> <li>(d) Grandfather</li> </ul> </li> <li>71. An object is moving with uniform velocity-time area enclosed under the velocity-time</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     | (c) Hyderabad in 1920                        | (b) There is a force on the ball opposing and          |
| <ul> <li>64. Sultant period in Muslim Indian history was from <ul> <li>(a) 1268-1512</li> <li>(b) 1309-1498</li> <li>(c) 1206-1526</li> <li>(d) 1367-1483</li> </ul> </li> <li>65. Qutb Minar in Delhi is located next to <ul> <li>(a) Masjid Quuwat al-Islam</li> <li>(b) Jama Masjid</li> <li>(c) Moti Masjid</li> <li>(d) Kali Masjid</li> <li>(d) Kali Masjid</li> <li>(e) Moti Masjid</li> <li>(f) Muhammad Ali Jauhar</li> <li>(g) Abul Kalam Azad</li> <li>(d) Hakim Muhammad Said</li> </ul> </li> <li>67. Who among the following is not a compilor of Hadith <ul> <li>(c) Imam Nasai</li> <li>(d) Imam Malik</li> <li>(c) Imam Nasai</li> <li>(d) Imam Malik</li> <li>(c) Imam Nasai</li> <li>(d) Imam Malik</li> <li>(c) Imam Nasai</li> <li>(d) Imam Abu Dawud</li> </ul> </li> <li>68. Who did lead Prayers in Prophet Muhammad's (pbuh) last days? <ul> <li>(a) Abul Aktan Prophet Muhammad's (pbuh) got all the Makkan unbelievers</li> <li>(a) Killed</li> <li>(b) Exiled</li> <li>(c) imprisoned</li> <li>(d) Grandfather</li> </ul> </li> <li>71. An object is moving with uniform velocity. The area enclosed under the velocity-time</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     | (d) Defhi in 1825                            | motion having is proportional to the force             |
| <ul> <li>(a) 1268-1512 (b) 1309-1498</li> <li>(c) 1206-1526 (d) 1367-1483</li> <li>(d) There is no unbalanced force on the ball, so the ball volution of the component of the series of the ball wold want to come to rest</li> <li>(d) There is no unbalanced force on the ball, so the ball wold want to come to rest</li> <li>(e) 1206-1526 (d) 1367-1483</li> <li>(f) There is no unbalanced force on the ball, so the ball wold want to come to rest</li> <li>(f) There is no unbalanced force on the ball, so the ball wold want to come to rest</li> <li>(f) There is no unbalanced force on the ball, so the ball wold want to come to rest</li> <li>(f) There is no unbalanced force on the ball, so the ball wold want to come to rest</li> <li>(f) There is no unbalanced force on the ball, so the ball wold want to come to rest</li> <li>(f) There is no unbalanced force on the ball, so the ball wold want to come to rest</li> <li>(f) There is no unbalanced force on the ball, so the ball wold want to come to rest</li> <li>(f) There is no unbalanced force on the ball, so the ball wold want to come to rest</li> <li>(f) There is no unbalanced force on the ball, so the ball wold want to come to rest</li> <li>(f) There is no unbalanced force on the ball, so the ball wold want to come to rest</li> <li>(f) There is no unbalanced force on the ball, so the ball wold want to come to rest</li> <li>(f) The area enclosed under the velocity-time</li> <li>(g) Shalwaliullah (b) Imam Malik</li> <li>(c) Imam Nasai (d) Imam Abu Dawud</li> <li>(g) After conquering Makkah Prophet Muhammad's (pbuh) got all the Makkan unbelievers</li> <li>(a) killed</li> <li>(b) Actilith was Prophet Muhammad's (pbuh)</li> <li>(a) Uncle</li> <li>(b) Cousin</li> <li>(c) Father</li> <li>(d) Grandfather</li> <li>(e) Ar twice the focal length</li> <li>(f) Between the optical centre of the lens and its principal focus</li> <li>(g) Hard focus</li> <li>(h) Far sightedness</li> <li>(h) Far sightedness</li> </ul>                                                                                                                                                                                | 64. | Sultant period in Muslim Indian history was  | (c) The velocity is property                           |
| <ul> <li>(a) 1268-1512 (b) 1309-1498</li> <li>(c) 1206-1526 (c) 1306-1483</li> <li>(d) Masjid (c) in Delhi is located next to (a) Masjid (c) Moti Masjid</li> <li>(e) Moti Masjid</li> <li>(f) Maimad Ali-Islam</li> <li>(g) Makim Abdul Hamid</li> <li>(h) Muhammad Ali Jauhar</li> <li>(c) Abul Kalam Azad</li> <li>(d) Hakim Muhammad Said</li> <li>(e) Abul Kalam Azad</li> <li>(f) Hakim Muhammad Said</li> <li>(f) Who among the following is not a compilor of Hadith</li> <li>(g) ShahWaliullah (b) Imam Malik</li> <li>(c) Imam Nasai (d) Imam Abu Dawud</li> <li>(f) Who did lead Prayers in Prophet Muhammad's (pbuh) last days?</li> <li>(a) Abu Bakr (b) Umar</li> <li>(c) Usman (d) Ali</li> <li>(f) After conquering Makkah Prophet Muhammad's (pbuh) last days?</li> <li>(a) Killed (b) exiled</li> <li>(c) Father (d) Grandfather</li> <li>(f) An object is moving with uniform velocity. The area enclosed under the velocity-time</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     | from                                         | (d) There is no unbalanced force on the ball, so       |
| <ul> <li>(c) 1206-1526 (d) 1367-1483</li> <li>(c) Mainar in Delhi is located next to <ul> <li>(a) Masjid Quwwat al-Islam</li> <li>(b) Jama Masjid</li> <li>(c) Moti Masjid</li> <li>(c) Moti Masjid</li> <li>(d) Kali Masjid</li> </ul> </li> <li>(e) Moti Masjid</li> <li>(f) Muhammad Ali Jauhar</li> <li>(g) Abul Kalam Azad</li> <li>(g) Hakim Muhammad Said</li> <li>(h) Main Muhammad Said</li> <li>(h) Imam Malik</li> <li>(c) Imam Nasai (d) Imam Abu Dawud</li> <li>(k) Iled (b) Exiled</li> <li>(c) Imprisoned (d) pardoned</li> <li>(h) Adul-Muttalib was Prophet Muhammad's (pbuh) (a) Uncle (b) Cousin</li> <li>(c) Father (d) Grandfather</li> <li>(h) An object is moving with uniform velocity. The area enclosed under the velocity-time</li> </ul> 78. The human eye can focus objects at different distances by adjusting the focal length of the eye lens. This is due to (a) Near sightedness (b) Far sigh                                                                                                                                                                                                                             |     | (a) 1268-1512 (b) 1309-1498                  | the ball would want to come to rest                    |
| <ul> <li>65. Qutb Minar in Delhi is located next to <ul> <li>(a) Masjid Quwwat al-Islam</li> <li>(b) Jama Masjid</li> <li>(c) Moti Masjid</li> <li>(d) Kali Masjid</li> <li>(d) Kali Masjid</li> <li>(e) Moti Masjid</li> <li>(f) Muhammad Ali Jauhar</li> <li>(g) Abul Kalam Azad</li> <li>(g) Abul Kalam Azad</li> <li>(g) Hakim Muhammad Said</li> </ul> </li> <li>67. Who among the following is not a compilor of Hadith</li> <li>(g) Shah Waliullah (b) Imam Malik</li> <li>(g) Imam Nasai (d) Imam Malik</li> <li>(g) Imam Nasai (d) Imam Malik</li> <li>(g) Imam Nasai (d) Imam Abu Dawud</li> <li>68. Who did lead Prayers in Prophet Muhammad's (pbuh) last days?</li> <li>(g) After conquering Makkah Prophet Muhammad</li> <li>(pbuh) got all the Makkan unbelievers <ul> <li>(a) killed</li> <li>(b) Exiled</li> <li>(c) Father</li> <li>(d) Grandfather</li> </ul> </li> <li>71. An object is moving with uniform velocity. The area enclosed under the velocity-time</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     | (c) 1206-1526 (d) 1367-1483                  | 74 A ball is thrown vertically upwards with a          |
| <ul> <li>(a) Masjid Quwwat al-Islam</li> <li>(b) Jama Masjid</li> <li>(c) Moti Masjid</li> <li>(d) Kali Masjid</li> <li>(e) Kali Masjid</li> <li>(f) Kali Masjid</li> <li>(g) Hakim Abdul Hamid</li> <li>(h) Muhammad Ali Jauhar</li> <li>(c) Abul Kalam Azad</li> <li>(d) Hakim Muhammad Said</li> <li>(e) Abul Kalam Azad</li> <li>(f) Hakim Muhammad Said</li> <li>(g) Hakim Muhammad Said</li> <li>(h) Muhammad Said</li> <li>(h) Muhammad Said</li> <li>(h) Muhammad Said</li> <li>(h) Hakim Malik</li> <li>(c) Imam Nasai</li> <li>(d) Imam Malik</li> <li>(c) Imam Nasai</li> <li>(d) Imam Abu Dawud</li> <li>(e) Imam Nasai</li> <li>(f) Imam Malik</li> <li>(c) Imam Nasai</li> <li>(d) Imam Abu Dawud</li> <li>(e) Imam Nasai</li> <li>(f) Hakim Muhammad's</li> <li>(g) buh) last days?</li> <li>(a) Abu Bakr</li> <li>(b) Umar</li> <li>(c) Usman</li> <li>(d) Alii</li> <li>(e) After conquering Makkah Prophet Muhammad's</li> <li>(b) exiled</li> <li>(c) Imar Nasai (d) pardoned</li> <li>(d) Abul-Muttalib was Prophet Muhammad's (pbuh)</li> <li>(a) Lilled</li> <li>(b) cousin</li> <li>(c) Father</li> <li>(d) Grandfather</li> <li>(f) An object is moving with uniform velocity. The area enclosed under the velocity-time</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 65. | Qutb Minar in Delhi is located next to       | velocity of 49 m/s. What is the total time it          |
| <ul> <li>(b) Jama Masjid</li> <li>(c) Moti Masjid</li> <li>(d) Kali Masjid</li> <li>(e) Mati Masjid</li> <li>(f) Muhammad Ali Jauhar</li> <li>(g) Abul Kalam Azad</li> <li>(g) Abul Kalam Azad</li> <li>(h) Muhammad Ali Jauhar</li> <li>(c) Abul Kalam Azad</li> <li>(d) Hakim Muhammad Said</li> <li>(e) Abul Kalam Azad</li> <li>(f) Hakim Muhammad Said</li> <li>(f) Muhammad Said</li> <li>(f) Hakim Muhammad Said</li> <li>(g) Hakim Alulah (b) Imam Malik</li> <li>(g) Imam Nasai (d) Imam Abu Dawud</li> <li>(g) Imam Nasai (d) Imam Abu Dawud</li> <li>(g) Mata days?</li> <li>(a) Abu Bakr</li> <li>(b) Umar</li> <li>(c) Usman</li> <li>(d) Ali</li> <li>(c) Isman Makkah Prophet Muhammad's (pbuh) last days?</li> <li>(a) Atter conquering Makkah Prophet Muhammad's (bbh) got all the Makkan unbelievers</li> <li>(a) killed</li> <li>(b) exiled</li> <li>(c) imprisoned</li> <li>(d) pardoned</li> <li>(d) Abul-Muttalib was Prophet Muhammad's (pbuh)</li> <li>(a) Uncle</li> <li>(b) Cousin</li> <li>(c) Father</li> <li>(d) Grandfather</li> <li>An object is moving with uniform velocity. The area enclosed under the velocity-time</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     | (a) Masjid Quwwat al-Islam                   | takes to return to the surface of the card             |
| <ul> <li>(c) Moti Masjid</li> <li>(d) Kali Masjid</li> <li>(e) Moti Masjid</li> <li>(f) Z0 seconds</li> <li>(g) Z0 seconds<td></td><td>(b) Jama Masjid</td><td>(a) 5 seconds</td></li></ul>                                      |     | (b) Jama Masjid                              | (a) 5 seconds                                          |
| <ul> <li>(d) Kali Masjid</li> <li>(d) Kali Masjid</li> <li>(e) Muhammad Ali Jauhar</li> <li>(f) Muhammad Ali Jauhar</li> <li>(g) Abul Kalam Azad</li> <li>(h) Muhammad Said</li> <li>(h) Kali Muhammad Said</li> <li>(h) Imam Malik</li> <li>(c) Imam Nasai</li> <li>(d) Imam Abu Dawud</li> <li>(e) Imam Nasai</li> <li>(d) Imam Abu Dawud</li> <li>(f) Muhammadi (d) Imam Abu Dawud</li> <li>(g) Kali Kahar (b) Umar</li> <li>(c) Usman</li> <li>(d) Alii</li> <li>(c) Usman</li> <li>(d) Alii</li> <li>(c) Usman</li> <li>(d) Alii</li> <li>(d) Artier conquering Makkah Prophet Muhammadi (pbuh) got all the Makkan unbelievers <ul> <li>(a) killed</li> <li>(b) exiled</li> <li>(c) imprisoned</li> <li>(d) pardoned</li> </ul> </li> <li>70. Abdul-Muttalib was Prophet Muhammad's (pbuh) <ul> <li>(a) Uncle</li> <li>(b) Cousin</li> <li>(c) Father</li> <li>(d) Grandfather</li> </ul> </li> <li>71. An object is moving with uniform velocity. The area enclosed under the velocity-time</li> <li>73. Kn electric bulb of 1000 W is used for 3 nours get a real image of the clift and head the echo after 4 seconds; Assuming the speed of sound in air at the given temperature to be 346 m/s, calculate the distance of the cliff from the person</li> <li>(a) 1730 m</li> <li>(b) 1384m</li> <li>(c) 865 m</li> <li>(d) 692m</li> <li>77. Where should an object be placed in front of a convex lens to get a real image of the size of the object?</li> <li>(a) At the principal focus of the lens and its principal focus</li> <li>78. The human eye can focus objects at different distances by adjusting the focal length of the eye lens. This is due to <ul> <li>(a) Near sightedness</li> <li>(b) Far sightedness</li> </ul> </li> </ul>                                                                                                                                                                     |     | (c) Moti Masjid                              | (c) 15 seconds (d) 20 seconds                          |
| <ul> <li>66. Who was the editor of Hamdard?</li> <li>(a) Hakim Abdul Hamid</li> <li>(b) Muhammad Ali Jauhar</li> <li>(c) Abul Kalam Azad</li> <li>(d) Hakim Muhammad Said</li> <li>67. Who among the following is not a compilor of Hadith</li> <li>(a) Shah Waliullah (b) Imam Malik</li> <li>(c) Imam Nasai (d) Imam Abu Dawud</li> <li>68. Who did lead Prayers in Prophet Muhammad's (pbuh) last days?</li> <li>(a) Abu Bakr (b) Umar</li> <li>(c) Usman (d) Ali</li> <li>69. After conquering Makkah Prophet Muhammad's (pbuh) got all the Makkan unbelievers</li> <li>(a) killed (b) exiled</li> <li>(c) imprisoned (d) pardoned</li> <li>70. Abdul-Muttalib was Prophet Muhammad's (pbuh)</li> <li>(a) Uncle (b) Cousin</li> <li>(c) Father (d) Grandfather</li> <li>71. An object is moving with uniform velocity. The area enclosed under the velocity-time</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     | (d) Kali Masjid                              | 75. An electric bulb of 1000 W is used for 5 hours     |
| <ul> <li>(a) Hakim Abdul Hamid</li> <li>(b) Muhammad Ali Jauhar</li> <li>(c) Abul Kalam Azad</li> <li>(d) Hakim Muhammad Said</li> <li>(e) Abul Kalam Azad</li> <li>(f) Hakim Muhammad Said</li> <li>(g) Hakim Muhammad Said</li> <li>(h) Hakim Muhammad Said</li> <li>(c) Atu mits'</li> <li>(d) I 'units'</li> <li>(e) 4 'units'</li> <li>(f) 1 'unit'</li> <li>(g) Shah Waliullah</li> <li>(h) Imam Malik</li> <li>(c) Imam Nasai</li> <li>(d) Imam Abu Dawud</li> <li>(e) Imam Nasai</li> <li>(f) Imam Abu Dawud</li> <li>(f) Imam Nasai</li> <li>(g) Imam Abu Dawud</li> <li>(g) Limam Abu Dawud</li> <li>(h) Umar</li> <li>(c) Usman</li> <li>(d) Ali</li> <li>(c) Usman</li> <li>(d) Ali</li> <li>(c) Imprisoned</li> <li>(d) pardoned</li> <li>(d) Grandfather</li> <li>(c) Father</li> <li>(d) Grandfather</li> <li>(a) Nobject is moving with uniform velocity. The area enclosed under the velocity-time</li> <li>(a) Near sightedness</li> <li>(b) Far sightedness</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 66. | Who was the editor of Hamdard?               | per .day. The 'units' of energy consumed in one        |
| <ul> <li>(b) Muhammad Ali Jauhar</li> <li>(c) Abul Kalam Azad</li> <li>(d) Hakim Muhammad Said</li> <li>67. Who among the following is not a compilor of Hadith</li> <li>(a) Shah Waliullah (b) Imam Malik</li> <li>(c) Imam Nasai (d) Imam Abu Dawud</li> <li>68. Who did lead Prayers in Prophet Muhammad's (pbuh) last days?</li> <li>(a) Abu Bakr</li> <li>(b) Umar</li> <li>(c) Usman</li> <li>(d) Ali</li> <li>(c) Usman</li> <li>(d) Ali</li> <li>(d) Ali</li> <li>(e) After conquering Makkah Prophet Muhammad (pbuh) got all the Makkan unbelievers</li> <li>(a) killed</li> <li>(b) exiled</li> <li>(c) imprisoned</li> <li>(d) pardoned</li> <li>70. Abdul-Muttalib was Prophet Muhammad's (pbuh)</li> <li>(a) Uncle</li> <li>(b) Cousin</li> <li>(c) Father</li> <li>(d) Grandfather</li> <li>71. An object is moving with uniform velocity. The area enclosed under the velocity-time</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     | (a) Hakim Abdul Hamid                        | day are (b) 5 'units'                                  |
| <ul> <li>(c) Abul Kalam Azad</li> <li>(d) Hakim Muhammad Said</li> <li>67. Who among the following is not a compilor of Hadith</li> <li>(a) Shah Waliullah (b) Imam Malik</li> <li>(c) Imam Nasai (d) Imam Abu Dawud</li> <li>68. Who did lead Prayers in Prophet Muhammad's (pbuh) last days?</li> <li>(a) Abu Bakr (b) Umar</li> <li>(c) Usman (d) Ali</li> <li>69. After conquering Makkah Prophet Muhammad (pbuh) got all the Makkan unbelievers</li> <li>(a) killed (b) exiled</li> <li>(c) imprisoned (d) pardoned</li> <li>70. Abdul-Muttalib was Prophet Muhammad's (pbuh)</li> <li>(a) Uncle (b) Cousin</li> <li>(c) Father (d) Grandfather</li> <li>71. An object is moving with uniform velocity. The area enclosed under the velocity-time</li> <li>(c) Abul At the principal focus</li> <li>78. The human eye can focus objects at different distances by adjusting the focal length of the eye lens. This is due to (a) Near sightedness (b) Far sightedness</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     | (b) Muhammad Ali Jauhar                      | (a) 10 'units' (b) 5 units                             |
| <ul> <li>(d) Hakim Muhammad Said</li> <li>67. Who among the following is not a compilor of Hadith</li> <li>(a) Shah Waliullah (b) Imam Malik</li> <li>(c) Imam Nasai (d) Imam Abu Dawud</li> <li>68. Who did lead Prayers in Prophet Muhammad's (pbuh) last days?</li> <li>(a) Abu Bakr (b) Umar</li> <li>(c) Usman (d) Ali</li> <li>69. After conquering Makkah Prophet Muhammad (pbuh) got all the Makkan unbelievers</li> <li>(a) killed (b) exiled</li> <li>(c) imprisoned (d) pardoned</li> <li>70. Abulu-Muttalib was Prophet Muhammad's (pbuh)</li> <li>(a) Uncle (b) Cousin</li> <li>(c) Father (d) Grandfather</li> <li>71. An object is moving with uniform velocity. The area enclosed under the velocity-time</li> <li>71. An object is moving with uniform velocity. The area enclosed under the velocity-time</li> <li>71. An object is moving with uniform velocity. The area enclosed under the velocity-time</li> <li>72. Where should an object be placed in front of a convex lens to get a real image of the size of the object?</li> <li>(a) At the principal focus of the lens and its principal focus</li> <li>73. The human eye can focus objects at different distances by adjusting the focal length of the eye lens. This is due to <ul> <li>(a) Near sightedness</li> <li>(b) Far sightedness</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     | (c) Abul Kalam Azad                          | (c) 4 'units' (d) 1 unit                               |
| <ul> <li>67. Who among the following is not a compilor of Hadith <ul> <li>(a) ShahWaliullah (b) Imam Malik</li> <li>(c) Imam Nasai (d) Imam Abu Dawud</li> </ul> </li> <li>68. Who did lead Prayers in Prophet Muhammad's (pbuh) last days? <ul> <li>(a) Abu Bakr</li> <li>(b) Umar</li> <li>(c) Usman</li> <li>(d) Ali</li> </ul> </li> <li>69. After conquering Makkah Prophet Muhammad (pbuh) got all the Makkan unbelievers <ul> <li>(a) killed</li> <li>(b) exiled</li> <li>(c) imprisoned</li> <li>(d) pardoned</li> </ul> </li> <li>70. Abdul-Muttalib was Prophet Muhammad's (pbuh) <ul> <li>(a) Uncle</li> <li>(b) Cousin</li> <li>(c) Father</li> <li>(d) Grandfather</li> </ul> </li> <li>71. An object is moving with uniform velocity. The area enclosed under the velocity-time</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     | (d) Hakim Muhammad Said                      | 76. A person clapped the hands hear a chir and         |
| <ul> <li>Hadith <ul> <li>(a) ShahWaliullah (b) Imam Malik</li> <li>(c) Imam Nasai (d) Imam Abu Dawud</li> </ul> </li> <li>68. Who did lead Prayers in Prophet Muhammad's (pbuh) last days? <ul> <li>(a) Abu Bakr</li> <li>(b) Umar</li> <li>(c) Usman</li> <li>(d) Ali</li> </ul> </li> <li>69. After conquering Makkah Prophet Muhammad (pbuh) got all the Makkan unbelievers <ul> <li>(a) killed</li> <li>(b) exiled</li> <li>(c) imprisoned</li> <li>(d) pardoned</li> </ul> </li> <li>70. Abdul-Muttalib was Prophet Muhammad's (pbuh) <ul> <li>(a) Uncle</li> <li>(b) Cousin</li> <li>(c) Father</li> <li>(d) Grandfather</li> </ul> </li> <li>71. An object is moving with uniform velocity. The area enclosed under the velocity-time</li> <li>fadith <ul> <li>(a) ShahWaliullah</li> <li>(b) Cousin</li> <li>(c) Father</li> <li>(d) Grandfather</li> </ul> </li> <li>73. Where should an object be placed in front of a convex lens to get a real image of the size of the object?</li> <li>(a) At the principal focus of the lens</li> <li>(b) At infinity</li> <li>(c) At twice the focal length</li> <li>(d) Between the optical centre of the lens and its principal focus</li> </ul> <li>74. An object is moving with uniform velocity. The area enclosed under the velocity-time</li>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 67. | Who among the following is not a compilor of | heard the echo after 4 seconds, Assuming the           |
| <ul> <li>(a) ShahWaliullah (b) Imam Malik</li> <li>(c) Imam Nasai (d) Imam Abu Dawud</li> <li>(d) Maine Abu Bakr (b) Umar (c) Usman (d) Ali</li> <li>(e) After conquering Makkah Prophet Muhammad (pbuh) got all the Makkan unbelievers (a) killed (b) exiled (c) imprisoned (d) pardoned</li> <li>(f) Abdul-Muttalib was Prophet Muhammad's (pbuh) (a) Uncle (b) Cousin (c) Father (d) Grandfather</li> <li>(f) An object is moving with uniform velocity. The area enclosed under the velocity-time</li> <li>(a) Shah Waliullah (b) Imam Malik from the person (a) 1730 m (b) 1384m (c) 865 m (d) 692m</li> <li>(a) At the principal focus of the size of the object?</li> <li>(a) At the principal focus of the lens (b) At infinity (c) At twice the focal length (d) Between the optical centre of the lens and its principal focus</li> <li>78. The human eye can focus objects at different distances by adjusting the focal length of the eye lens. This is due to (a) Near sightedness (b) Far sightedness</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     | Hadith                                       | speed of sound in an at the given temperature          |
| <ul> <li>(c) Imam Nasai (d) Imam Abu Dawud</li> <li>(d) Imam Abu Dawud</li> <li>(e) Imam Nasai (d) Imam Abu Dawud</li> <li>(f) Mithe person</li> <li>(g) Who did lead Prayers in Prophet Muhammad's (pbuh) last days?</li> <li>(a) Abu Bakr (b) Umar (c) Usman (d) Ali</li> <li>(b) After conquering Makkah Prophet Muhammad (pbuh) got all the Makkan unbelievers (a) killed (b) exiled (c) imprisoned (d) pardoned</li> <li>(a) Lncle (b) Cousin (c) Father (d) Grandfather</li> <li>(b) Cousin (c) Father (d) Grandfather</li> <li>(c) Kation (d) Grandfather</li> <li>(d) Grandfather</li> <li>(e) Kation (d) Grandfather</li> <li>(f) An object is moving with uniform velocity. The area enclosed under the velocity-time</li> <li>(f) Hat inform velocity (h) (h) (h) (h) (h) (h) (h) (h) (h) (h)</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     | (a) ShahWaliullah (b) Imam Malik             | to be 340 m/s, calculate the distance of an and        |
| <ul> <li>68. Who did lead Prayers in Prophet Muhammad's (pbuh) last days?</li> <li>(a) Abu Bakr (b) Umar (c) Usman (d) Ali</li> <li>69. After conquering Makkah Prophet Muhammad (pbuh) got all the Makkan unbelievers (a) killed (b) exiled (c) imprisoned (d) pardoned</li> <li>70. Abdul-Muttalib was Prophet Muhammad's (pbuh) (a) Uncle (b) Cousin (c) Father (d) Grandfather</li> <li>71. An object is moving with uniform velocity. The area enclosed under the velocity-time</li> <li>68. Who did lead Prayers in Prophet Muhammad's (pbuh) (a) Uncle (b) Cousin (c) Father (d) Grandfather</li> <li>71. An object is moving with uniform velocity. The area enclosed under the velocity-time</li> <li>68. Who did lead Prayers in Prophet Muhammad's (pbuh) (a) Uncle (b) Cousin (c) Father (c) Between the optical centre of the lens and its principal focus</li> <li>78. The human eye can focus objects at different distances by adjusting the focal length of the eye lens. This is due to (a) Near sightedness (b) Far sightedness</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     | (c) Imam Nasai (d) Imam Abu Dawud            | ( $> 1720$ m (b) 1384m                                 |
| <ul> <li>(pbuh) last days?</li> <li>(a) Abu Bakr</li> <li>(b) Umar</li> <li>(c) Usman</li> <li>(d) Ali</li> </ul> 77. Where should an object be placed in front of a convex lens to get a real image of the size of the object? <ul> <li>(a) killed</li> <li>(b) exiled</li> <li>(c) imprisoned</li> <li>(d) pardoned</li> </ul> 70. Abdul-Muttalib was Prophet Muhammad's (pbuh) <ul> <li>(a) Uncle</li> <li>(b) Cousin</li> <li>(c) Father</li> <li>(d) Grandfather</li> </ul> 71. An object is moving with uniform velocity. The area enclosed under the velocity-time <ul> <li>(c) 865 m</li> <li>(d) 000000000000000000000000000000000000</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 68. | Who did lead Prayers in Prophet Muhammad's   | (a) $1/30 \text{ m}$ (b) $1/30 \text{ m}$              |
| <ul> <li>(a) Abu Bakr (b) Umar</li> <li>(c) Usman (d) Ali</li> <li>(d) Ali</li> <li>(e) After conquering Makkah Prophet Muhammad (pbuh) got all the Makkan unbelievers <ul> <li>(a) killed (b) exiled</li> <li>(c) imprisoned (d) pardoned</li> </ul> </li> <li>70. Abdul-Muttalib was Prophet Muhammad's (pbuh) <ul> <li>(a) Uncle (b) Cousin</li> <li>(c) Father (d) Grandfather</li> </ul> </li> <li>71. An object is moving with uniform velocity. The area enclosed under the velocity-time</li> <li>73. Where should an object be placed in front of a convex lens to get a real image of the size of the object?</li> <li>(a) At the principal focus of the lens</li> <li>(b) At infinity</li> <li>(c) At twice the focal length</li> <li>(d) Between the optical centre of the lens and its principal focus</li> <li>78. The human eye can focus objects at different distances by adjusting the focal length of the eye lens. This is due to <ul> <li>(a) Near sightedness</li> <li>(b) Far sightedness</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     | (pbuh) last days?                            | (c) 865 m (d) 652 m                                    |
| <ul> <li>(c) Usman</li> <li>(d) Ali</li> <li>69. After conquering Makkah Prophet Muhammad<br/>(pbuh) got all the Makkan unbelievers <ul> <li>(a) killed</li> <li>(b) exiled</li> <li>(c) imprisoned</li> <li>(d) pardoned</li> </ul> </li> <li>70. Abdul-Muttalib was Prophet Muhaimmad's (pbuh) <ul> <li>(a) Uncle</li> <li>(b) Cousin</li> <li>(c) Father</li> <li>(d) Grandfather</li> </ul> </li> <li>71. An object is moving with uniform velocity.<br/>The area enclosed under the velocity-time</li> <li>(c) Usman</li> <li>(d) Grandfather</li> <li>(e) Father</li> <li>(f) Grandfather</li> <li>(h) Grandfather</li> <li>(h) At infinity</li> <li>(c) At twice the focal length</li> <li>(d) Between the optical centre of the lens and its principal focus</li> <li>78. The human eye can focus objects at different distances by adjusting the focal length of the eye lens. This is due to <ul> <li>(a) Near sightedness</li> <li>(b) Far sightedness</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     | (b) Umar                                     | 77. Where should an object be placed in none of a      |
| <ul> <li>69. After conquering Makkah Prophet Muhammad (pbuh) got all the Makkan unbelievers <ul> <li>(a) killed</li> <li>(b) exiled</li> <li>(c) imprisoned</li> <li>(d) pardoned</li> </ul> </li> <li>70. Abdul-Muttalib was Prophet Muhammad's (pbuh) <ul> <li>(a) Uncle</li> <li>(b) Cousin</li> <li>(c) Father</li> <li>(d) Grandfather</li> </ul> </li> <li>71. An object is moving with uniform velocity. The area enclosed under the velocity-time</li> <li>69. After conquering Makkah Prophet Muhammad (a) between the optical centre of the lens and its principal focus</li> <li>78. The human eye can focus objects at different distances by adjusting the focal length of the eye lens. This is due to <ul> <li>(a) Near sightedness</li> <li>(b) Far sightedness</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | (c) Usman (d) Ali                            | convex lens to get a rear mage of the size of          |
| <ul> <li>(pbuh) got all the Makkan unbelievers</li> <li>(a) killed</li> <li>(b) exiled</li> <li>(c) imprisoned</li> <li>(d) pardoned</li> <li>(d) pardoned</li> <li>(e) At twice the focal length</li> <li>(f) At twice the focal length</li> <li>(g) At twice the focal length</li> <li>(h) At twice the focal length</li> <li>(h) Between the optical centre of the lens and its principal focus</li> <li>78. The human eye can focus objects at different distances by adjusting the focal length of the eye lens. This is due to</li> <li>(a) Near sightedness</li> <li>(b) At infinity</li> <li>(c) At twice the focal length</li> <li>(d) Between the optical centre of the lens and its principal focus</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 69. | After conquering Makkah Prophet Muhammad     | (a) At the mineinal focus of the lens                  |
| <ul> <li>(a) killed</li> <li>(b) exiled</li> <li>(c) imprisoned</li> <li>(d) pardoned</li> <li>(d) pardoned</li> <li>(e) At unfinity</li> <li>(f) At infinity</li> <li>(c) At twice the focal length</li> <li>(d) Between the optical centre of the lens and its principal focus</li> <li>78. The human eye can focus objects at different distances by adjusting the focal length of the eye lens. This is due to</li> <li>(a) Uncle (b) Cousin</li> <li>(c) Father</li> <li>(d) Grandfather</li> <li>71. An object is moving with uniform velocity. The area enclosed under the velocity-time</li> <li>(b) At infinity</li> <li>(c) At twice the focal length</li> <li>(d) Between the optical centre of the lens and its principal focus</li> <li>78. The human eye can focus objects at different distances by adjusting the focal length of the eye lens. This is due to</li> <li>(a) Near sightedness</li> <li>(b) Far sightedness</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     | (pbuh) got all the Makkan unbelievers        | (a) At the principal focus of the fells                |
| <ul> <li>(c) imprisoned</li> <li>(d) pardoned</li> <li>70. Abdul-Muttalib was Prophet Muhainmad's (pbuh) <ul> <li>(a) Uncle</li> <li>(b) Cousin</li> <li>(c) Father</li> <li>(d) Grandfather</li> </ul> </li> <li>71. An object is moving with uniform velocity. The area enclosed under the velocity-time</li> <li>(c) At twice the focal length</li> <li>(d) Between the optical centre of the lens and its principal focus</li> <li>78. The human eye can focus objects at different distances by adjusting the focal length of the eye lens. This is due to <ul> <li>(a) Near sightedness</li> <li>(b) Far sightedness</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | (a) killed (b) exiled                        | (b) At infinity                                        |
| <ul> <li>70. Abdul-Muttalib was Prophet Muhaimmad's (pbuh) <ul> <li>(a) Uncle</li> <li>(b) Cousin</li> <li>(c) Father</li> <li>(d) Grandfather</li> </ul> </li> <li>71. An object is moving with uniform velocity. The area enclosed under the velocity-time</li> <li>(d) Between the optical centre of the lens and its principal focus</li> <li>78. The human eye can focus objects at different distances by adjusting the focal length of the eye lens. This is due to <ul> <li>(a) Uncle</li> <li>(b) Cousin</li> <li>(c) Father</li> <li>(d) Grandfather</li> </ul> </li> <li>78. The human eye can focus objects at different distances by adjusting the focal length of the eye lens. This is due to <ul> <li>(a) Near sightedness</li> <li>(b) Far sightedness</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     | (c) imprisoned (d) pardoned                  | (c) At twice the focal length                          |
| <ul> <li>(a) Uncle</li> <li>(b) Cousin</li> <li>(c) Father</li> <li>(d) Grandfather</li> <li>71. An object is moving with uniform velocity.<br/>The area enclosed under the velocity-time</li> <li>(b) Cousin</li> <li>(c) Father</li> <li>(d) Grandfather</li> <li>78. The human eye can focus objects at different distances by adjusting the focal length of the eye lens. This is due to</li> <li>(a) Near sightedness</li> <li>(b) Cousin</li> <li>(c) Father</li> <li>(d) Grandfather</li> <li>78. The human eye can focus objects at different distances by adjusting the focal length of the eye lens. This is due to</li> <li>(a) Near sightedness</li> <li>(b) Far sightedness</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 70  | Abdul-Muttalib was Prophet Muhammad's (pbuh) | (d) Between the optical centre of the lens and         |
| <ul> <li>(a) Oncice</li> <li>(b) Grandfather</li> <li>(c) Father</li> <li>(d) Grandfather</li> <li>71. An object is moving with uniform velocity.<br/>The area enclosed under the velocity-time</li> <li>78. The human eye can focus objects at different distances by adjusting the focal length of the eye lens. This is due to <ul> <li>(a) Near sightedness</li> <li>(b) Far sightedness</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10. | (a) Uncle (b) Cousin                         | its principal focus                                    |
| 71. An object is moving with uniform velocity.<br>The area enclosed under the velocity-time (a) Near sightedness (b) Far sightedness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | (a) Father (d) Grandfather                   | 78. The human eye can focus objects at different       |
| The area enclosed under the velocity-time (a) Near sightedness (b) Far sightedness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     | (c) ration                                   | distances by adjusting the focal length of the         |
| (a) Near sightedness (b) Far sightedness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | /1. | The area enclosed under the velocity-time    | eye lens. This is due to                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     | The area enclosed under the versery time     | (a) Near sightedness (b) Far sightedness               |

(c) Accommodation

70

10

| 10 12 resistance       | wire   | 15  | doubled  | on | -it, |
|------------------------|--------|-----|----------|----|------|
| Calculate the new resi | stance | of  | the wire |    |      |
| (a) 01 Q               |        | (h) | 04.0     |    |      |

| <b>N</b> | <b>,</b> <i>, ,</i> |
|----------|---------------------|
| (c) 08 Ω | (d) 32 Ω            |

- 80. A nichrome wire has diameter 0.5 mm and resistivity of  $10^{-4} \Omega m$ . What will be the length of the wire to make its resistance of 70  $\Omega$ ?
  - (a) 48.75m (b) 187.5 x 10<sup>-4</sup>m

(c)  $137.5 \times 10^{-3}$  m (d) 122.7 m

81. A network of five identical resistors, each of value 10  $\Omega$  is made as shown in the figure. Equivalent resistance between points A and B is



(b) 50 Ω

(a) 100 Ω

(c)  $20 \Omega$ (d) 10 Ω

- 82. Commonly used electric generators work on the principle of
  - (a) Nuclear fission (b) Nuclear fusion
  - (c) Solar energy conversion

(d) Electromagnetic induction

- 83. The temperature at which the fusion of light nuclei may occur is of the order of
  - (a)  $10^7$  deg. K (b)  $10^5 \text{ deg. K}$
  - (c)  $10^3$  deg. K (d)  $10^{-3}$  deg. K
- 84. Which energy source may yield relatively pollution free energy?
  - (a) Wood (b) Solar energy (c) Coal (d) Petrol
- 85. The ocean thermal energy is due to
  - (a) Geothermal changes deep inside the ocean
  - (b) Nuclear fission inside the ocean
  - (c) Chemical reactions inside the ocean
  - (d) Heating of water of the surface of the ocean by the sun
- 86. Bio-gas does not contain

| (a) CH <sub>4</sub> |  | (b) CO   |
|---------------------|--|----------|
| () TT O             |  | () = = 2 |

- (c)  $H_2S$  $(d) N_2$
- 87. Identify the substance that is oxidised in the reaction given below

 $CuO_{(s)} + H_{2(g)} \rightarrow Cu_{(s)} + H_2O_{(l)}$ (a) CuO  $(b) H_2$ (c) Cu  $(d) H_2O$ 

|                                                                | en e |
|----------------------------------------------------------------|------------------------------------------|
| 88. Tyndall effect in colloidal a                              | olution is due to                        |
| (a) Absorption of light by t                                   | he particles                             |
| (b) Refraction of light                                        | ,                                        |
| (c) Scattering of light by th                                  | e particles                              |
| (d) The presence of electrical                                 | y charged particles                      |
| 89. Isobars do not differ in the r                             | number of                                |
| (a) Protons                                                    | (b) Electrons                            |
| (c) Neutrons                                                   | (d) Nucleons                             |
| 90. Out of the following, the a which compound has the low     | aqueous solution of west pH?             |
| (a) NaOH                                                       | (b) NH <sub>4</sub> C1                   |
| (c) $Na_2CO_3$                                                 | (d) NaCl                                 |
| 91. Which element has twice a its second shell as in its first | s many electrons in shell?               |
| (a) Ñe (b) B                                                   | (c) Si (d) C                             |
| 92. Which of the following                                     | reaction is mainly                       |
| performed by the alkene?                                       |                                          |
| (a) Substitution                                               | (b) Addition                             |
| (c) Decomposition                                              | (d) Replacement                          |
| 93. In which of the follow                                     | ing process metal                        |
| carbonates change into meta                                    | il oxide?                                |
| (a) Calcination                                                | (b) Roasting                             |
| (c) Reduction                                                  | (d) All of these                         |
| 94. Which of the following is is $(x) O^{-1}$                  | soelectronic of Na'?                     |
| $(a) CI (b) O_2$                                               | (c) $O^{2}$ (d) Li                       |
| (a)No O                                                        |                                          |
| $(a) T a_2 O$                                                  | (b) BaO                                  |
| 96 Ovidation of other 1 til                                    | (d) $K_2O$                               |
| permanganate producer                                          | alkaline potassium                       |
| (a) CH <sub>2</sub> CHO                                        | (h) CH COOH                              |
|                                                                | $(d) CH_3COOH$                           |
| 97 The following reaction show                                 | (d) $CH_3COONa$                          |
| 7. The following feaction show                                 | vs that                                  |
| $2\Pi + CuSO_4 \rightarrow ZnS$                                | $O_4 + Cu$                               |
| (a) $\Sigma n$ is more reactive meta                           | al than Cu                               |
| (b) Zh and Cu both have san                                    | me reactivity                            |
| (c) Cu is more reactive than                                   | n Zn                                     |
| (d) All of these                                               |                                          |
| <b>98.</b> For rusting of iron, the neces                      | ssary condition is                       |
| (a) Dry $N_2$                                                  | (b) Moist air                            |
| (c) Dry air                                                    | (d) None of these                        |
| 99. An isotope of cobalt is used                               | in the treatment of                      |
| (a) Goiter                                                     | (b) Anaemia                              |
| (c) Carbon dating                                              | (d) Cancer                               |
| 100. The organic compound pre                                  | esent in tincture of                     |
| iodine is                                                      | 21 X Y 11                                |
| (a) Potassium                                                  | (b) lodine                               |

(d) Chloroform

(b) Iodine

(c) Ethanol

# **ANSWERS 2013-14**

|    |   |          |      |       |   |      | the subscription of the latter is the subscription of the subscrip |                         | 76      |          |
|----|---|----------|------|-------|---|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------|----------|
| 1  | c |          | 26   | а     |   | 51   | b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         | /6      | d        |
| 2  | d |          | 27   | a     |   | 52   | b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         | 77      | С        |
| 3  | d |          | 28   | a     |   | 53   | a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         | 78      | С        |
| 4  | d |          | 29   | a     |   | 54   | С                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         | 79      | С        |
| 5  | b |          | 30   | C C   |   | 55   | а                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         | 80      | С        |
| 6  | C |          | 31   | a     |   | 56   | b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         | 81      | d        |
| 7  | C |          | 32   | C     |   | 57   | C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         | 82      | d        |
| 8  | C |          | 33   | C     |   | 58   | b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         | 83      | а        |
| 9  | d |          | 34   | h     |   | 59   | C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         | 84      | b        |
| 10 | C |          | 35   | d     |   | 60   | a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         | 85      | d        |
| 11 | b |          | · 36 | d     |   | 61   | a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         | 86      | d        |
| 12 | c |          | 37   | a     |   | 62   | d                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ы в а с.<br>С. с. с. с. | 87      | b        |
| 13 | a |          | 38   | b     |   | 63   | d                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         | 88      | C        |
| 14 | a |          | 39   | a     |   | 64   | С                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         | 89      | d        |
| 15 | d |          | 40   | b     |   | 65   | a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         | 90      | b        |
| 16 | b |          | 41   | b     |   | 66   | b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         | 91      | d        |
| 17 | d |          | 42   | d     |   | 67   | a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ,                       | 92      | b        |
| 18 | С | а ж      | 43   | C     |   | 68   | a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         | 93      | a        |
| 19 | b | 2        | 44   | C     |   | . 69 | d                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         | 94      | c        |
| 20 | С | -<br>    | 45   | a     |   | 70   | d                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         | 95      | c        |
| 21 | b | а."<br>Э | 46   | d     |   | 71   | a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         | 96      | h        |
| 22 | a |          | 47   | d     |   | 72   | b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         | 97      | 2        |
| 23 | c |          | 48   | C     |   | 73   | h                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         | 08      | h        |
| 24 | a |          | 49   | d     |   | 74   | h                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         | 00      | <u>ل</u> |
| 25 | b |          | 50   | C     |   | 75   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                         | 99      | a        |
|    |   |          |      | · · · | 1 | 15   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1.2                     | 1 100 - | C        |