

Fundamentals Of Geometry

| Sr | Questions | Answers Choice |
|----|---|---|
| 1 | The area of four walls of a room when length breadth and height of a room are given is: | A. $l \times b$ B. $2h(l + b)$ C. $h(l + b)$ D. $2(l + b)$ |
| 2 | The side opposite to a right angle in a right angled triangle is called: | A. base B. altitude C. Hypotenuse D. Perpendicular |
| 3 | The area of an equilateral triangle with side 'a' is: | A. $\frac{1}{2}\pi r^2$ B. $3a^2/2$ C. $\frac{\sqrt{3}a^2}{2}$ D. $2\pi r^2$ |
| 4 | The volume of a sphere is: | A. $\pi r^2 h$ B. $\frac{1}{3}\pi r^2 h$ C. $\frac{4}{3}\pi r^3$ D. πr^2 |
| 5 | Point (-2,4) lies in: | A. 1-quadrant B. II-quadrant C. III-quadrant D. IV -quadrant |
| 6 | Area has dimensions; | A. one B. two C. three D. four |
| 7 | Hero's formula is: | |
| 8 | A point in II-quadrant has its abscissa: | A. positive B. negative C. zero D. one |
| 9 | The distance formula between two points is: | |
| 10 | 1kl = ? | A. 1 m ³ B. 106cm ³ C. 109mm ³ D. 1m ³ |
| 11 | Who gave idea of plane: | A. John Napier B. Jobst burgi C. Descartes D. Arthur cayley |
| 12 | The square of the hypotenuse is equal to the sum of the square of two sides this statement is called: | A. Factor theorem B. Hero's formula C. Ration formula D. Pythagoras theorem |
| 13 | The distance between the point (2,1) and (-4,3) is: | A. $2\sqrt{10}$ B. $10\sqrt{2}$ C. 2 D. 10 |
| 14 | Diagonal of a square with side is: | A. $\frac{1}{2}a$ B. $2a$ C. $\sqrt{2}a$ D. $4a$ |
| 15 | The origin has coordinates: | A. (0,1) B. (1,0) C. (1,1) D. (0,0) |