

10th Class General Math English Medium Online Test For Full Book

| Sr | Questions | Answers Choice |
|----|---|---|
| 1 | The area of four walls of a room when length breadth and height of a room are given is: | <p>A. $l \times b$ B. $2h(l + b)$ C. $h(l + b)$ D. $2(l+b)$</p> |
| 2 | The area of an equilateral triangle with side 'a' is: | <p>A. $1.5a^2$ B. $3a^2/2$ C. $3a^2/4$ D. $2a^2$</p> |
| 3 | The union of two rays with the common end point is called: | <p>A. arm B. vertex C. angle D. midpoint</p> |
| 4 | An expression which can be written in the form of $P(x)/Q(x)$, $Q(x) \neq 0$, Where $P(x)$ and $Q(x)$ are polynomials in "x" is called a: | <p>A. irrational expression B. rational expression C. proper rational expression; D. improper rational expression</p> |
| 5 | Two liner algebraic expressions joined by an inequality symbol such as $>$, $<$, $>=$, $<=$ is called: | <p>A. liner equation B. liner inequality C. absolute value equation D. order relation</p> |
| 6 | $1\text{kl} = ?$ | <p>A. 10^3m B. 10^6cm C. 10^9mm D. 10^4m</p> |
| 7 | The symbol ' $>$ ' stand for: | <p>A. greater than B. less than C. less then or equal to D. greater than or equal to</p> |
| 8 | If the points of contact of a common tangent to the two circles are on the same side of the line joining their centers, then this common tangent is called: | <p>A. external tangent B. internal tangent C. concyclic tangent D. concentric tangent</p> |
| 9 | The volume of a sphere is: | <p>A. $\pi r^2 h$ B. $1/3 \pi r^2 h$ C. $4/3 \pi r^3$ D. πr^2</p> |
| 10 | Two matrices are conformable for addition if they are of the: | <p>A. same order B. different order C. order 2×2 D. order 3×3</p> |
| 11 | Point line on the same line called. | <p>A. Non -Collinear B. Collinear C. Equal D. Overlapping</p> |
| 12 | The centro id of a triangle divides each one of the medians in the ratio: | <p>A. 1:1 B. 1:2 C. 2:1 D. 2:2</p> |

| | | |
|----|---|---|
| 13 | Medians to the equal sides of an isosceles triangle are: | A. congruent B. equal C. similar D. unequal |
| 14 | The general form of a cubic polynomial is: | A. $ax^2 + bx + c$ B. $ax + b$ C. $ax^4 + bx^3 + cx^2 + dx + e$ D. $ax^3 + bx^2 + cx + d$ |
| 15 | If two or more algebraic expressions are given the highest degree which divides each of them without remainder is called: | A. L.C.M B. H.C.F C. square root D. factorization |
| 16 | A line segment that bisects an angle of the triangle and has its other end on the side opposite to that angle is called: | A. altitude of the triangle B. incenter of the triangle C. angle bisector of the triangle D. median of the triangle |
| 17 | Area has dimensions; | A. one B. two C. three D. four |
| 18 | A line segment joining a vertex to the midpoint of the side opposite to the vertex is called: | A. altitude of the triangle B. side bisector of the triangle C. angle bisector of the triangle D. median of the triangle |
| 19 | The altitude of a triangle are: | A. concurrent B. collinear C. non-collinear D. non-concurrent |
| 20 | The number of perpendicular bisectors of the sides of a triangle is: | A. 0 B. 4 C. 3 D. 2 |