

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

Sr	Questions	Answers Choice
1	$(AB)t = ?$	A. $At + Bt$ B. $AtBt$ C. $BtAt$ D. AB
2	Question Image	A. 72° B. 180° C. 108° D. 90°
3	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. Ratio formula D. pythagoras theorem
4	An irrational number that contains a radical sign is called:	A. Polynomial B. surd C. equality D. inequality
5	Which matrix is said to be additive identity of any matrix:	A. scalar matrix B. diagonal matrix C. zero matrix D. unit matrix
6	A quadratic polynomial is a of degree:	A. 0 B. 1 C. 2 D. 3
7	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
8	If the centers of two circles lie in either side of the common tangent then it is called:	A. external tangent B. internal tangent C. concyclic tangent D. concentric tangent
9	A line segment joining a vertex to the midpoint of the side opposite to the vertex is called:	A. altitude to the triangle B. side bisector of the triangle C. angle bisector if the triangle D. median to the triangle
10	Circles in the same plane with same center and different radii are called:	A. concentric circles B. semi circles C. equal circles D. concyclic circles
11	Which of the following is a pure surd?	A. $4\sqrt{3}$ B. $5\sqrt{7}$ C. $1/7\sqrt{3}$ D. 4
12	A father's age 4 times of his son's age. if the age of son is 20 year's then the age of father is:	A. 60 B. 80 C. 100 D. 40
13	All the altitudes are equal of an:	A. rectangle B. scalene triangle C. isosceles triangle D. equilateral triangle
14	Conjugate binomial surd of $a + b\sqrt{x}$ is	A. $a + bx$ B. $a - b\sqrt{x}$ C. $\sqrt{a} + \sqrt{bx}$ D. $a - bx$
15	$1kl = ?$	A. $1\text{ m}^{\sup>3\sup>}$ B. $10^{\sup>6\sup>}\text{cm}^{\sup>3\sup>}$ C. $10^{\sup>9\sup>}\text{mm}^{\sup>3\sup>}$ D. $1\text{ m}^{\sup>4\sup>}$

16	Point (-2,4) lies in:	A. I-quadrant B. II-quadrant C. III-quadrant D. IV-quadrant
17	A point 4 quadrant has in ordinate	A. Positive B. Negative C. Zero D. One
18	The process of writing an expression an a product of two or more factors is called:	A. polynomial B. factorization C. factors D. quadratic polynomial
19	A matrix consisting of only one row is called a:	A. row matrix B. column matrix C. scalar matrix D. rectangular matrix
20	Point the negative x-axis have negativer	A. abscissa B. ordinate C. Value D. Fraction