

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

Sr	Questions	Answers Choice
1	for any there numbers x,y and z if x > y and y> z then:	A. trichotomy property B. transitive property C. additive property D. multiplicative property
2	IF At = -A then matrix A is called a:	A. symmetric matrix B. skew - symmetric matrix C. transpose of matrix D. identity matrix
3	If two angle and a corresponding side included angles of two triangles are same then they , which congruent this postulate is called:	A. S.A.S Postulate B. A.S.A Postulate C. S.S.S Postulate D. R.H.S Postulate
4	Point on the axis do not lie in any.	A. A plane B. Line C. quadrant D. circle
5	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
6	Any value of the variable which makes the equation a true statement is called the:	A. equation B. inequality C. variable D. solution
7	Factorization of x3 -6x2 + 12x -x is:	A. (x +2)3 B. (x-2)3 C. x3 +23 D. x3- 23
8	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
9	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
10	The area of four walls of a room when length breadth and height of a room are given is:	A. I x b B. 2h(I +b) C. h(I +b) D. 2(I+b)
11	The point of intersection of the perpendicular bisector of the sides of a triangle meet is called.	A. Orthocenter of the triangle     B. Incenter of the triangle     C. Centroid of the triangle     D. Circum center of the triangle
12	Factors of x2 -x -x 156 are:	A. (x-12)(x-13) B. (x-12)(x+13) C. (x+12)(x+13) D. (x-13)(x+12)
13	The side opposite to a right angle in a right angled triangle is called:	A. base B. altitude C. Hypotenuse D. Perpendicular
14	Which matrix has no multiplicative inverse?	A. unit matrix B. singular matrix C. non - singular matrix D. diagonal matrix
15	The symbol '>' stand for:	A. greater than B. less than C. less then or equal to D. greater than or equal to

16	$x + 5/x^2 - 6x - x/x - 6 = ?$	A. 5 - x - x2/x2 -6x B. 5 + x - x2/x2 -6x C. 5 + x - x2/x2 +6x D. x2 - 6x/5 + x - x2
17	if x2 = a, then:	A. $x = a$ B. $x = \pm a$ C. $x = \sqrt{a}$ D. $x = \pm \sqrt{a}$
18	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:	A. external tangent B. internal tangent C. concyclic tangent D. concentric tangent
19	A parallelogram containing a right angle is called a:	A. quadrilateral B. square C. rectangle D. equilateral
20	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:	A. external tangent B. internal tangent C. concyclic tangent D. concentric tangent