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

Sr	Questions	Answers Choice
1	Point on the axis do not lie in any.	A. A plane B. Line C. quadrant D. circle
2	Factorization of x3 -6x2 + 12x -x is:	A. (x +2)3 B. (x-2)3 C. x3 +23 D. x3- 23
3	If R is the remainder after dividing the polynomial P(x) by x -a, then:	A. P(x) = R B. P(R) = x C. P(a) = R D. P(R) = a
4	The product of two factors is equal to:	A. H.C.F B. H.C.F x L.C.M C. L.C.M D. H.C.F/L.C.M
5	If two matrices have same order and their corresponding elements are equal then they are called:	A. equal matrices B. unequal matrices C. scalar matrices D. rectangular matrices
6	x + 5/x2 - 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
7	if a + b =8 and a-b =3, then ab = ?	A. -40 B. 24 C. 18 D. 8
8	Point line on the same line called.	A. Non -Collinear B. Collinear C. Equal D. Overlapping
9	The volume of a sphere is:	A. πr2h B. 1/3πr2h C. 4/3πr2h D. πr2
10	A matrix consisting of only one row is called a:	A. row matrix B. column matrix C. scalar matrix D. rectangular matrix
11	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
12	Angle in a semi-circle is of measure :	A. 45° B. 60° C. 90° D. 120°
13	A line segment that bisects and angles 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 if the triangle D. median of the triangle
14	Any term of an equation may be taken to the other side with its sign changed without affection the equation is called:	A. factorization B. surd C. transposition D. transformation
15	The distance formula between two points is:	
16	The number of perpendicular bisectors of the sides of a triangle is:	A. 0 B. 4

	The number of perpendicular bisectors of the sides of a triangle is:	C. 3 D. 2
17	The centroid of a triangle divides each one of the medians in the ratio:	A. 1:1 B. 1:2 C. 2:1 D. 2:2
18	A triangle with two equal sides is called an:	A. isosceles triangle B. obtuse triangle C. scalene triangle D. acute triangle
19	Two matrices are conformable for addition if they are of the:	A. same order B. different order C. order 2 x 2 D. order 3 x 3
20	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