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

Sr	Questions	Answers Choice
1	H.F.C of 8xy2z3 and 12x2y2z2 is:	A. 4x2y2z2 B. 4xy2z2 C. 8xy2z D. 8xyz
2	Root which are not the solution of the original equation but they are obtained in the solution are called:	A. Real roots B. extraneous roots C. constants D. variable solvents
3	The solution set of x - 7< 5 - 2x is:	A. x > 4 B. x = 4 C. x < 4 D. x < 4
4	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
5	If the sum of two angles is 90° then the angles are called:	A. supplement of each other B. complement of each other C. inverse of each other D. reflex of each other
6	The number of perpendicular bisectors of the sides of a triangle is:	A. 0 B. 4 C. 3 D. 2
7	Medians to the equal sides of an isosceles triangle are:	A. congruent B. equal C. similar D. unequal
8	Point (2,-4) lies in:	A. I-quadrant B. II-quadrant C. III-quadrant D. IV-quadrant
9	Which of the following is a column matrix?	
10	An irrational number that contains a radical sign is called:	A. Polynomial B. surd C. equality D. inequality
11	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
12	An angle containing more than 180° and less than 360° angle is called:	A. right angle B. acute angel C. obtuse angle D. reflex angle
13	An equation that can be written in the form ax + b = 0, a ≠ 0 where a and ab are constants and x is variable is called:	A. linear equation B. liner inequality C. cubic equation D. quadratic equation
14	Area has dimensions:	A. one B. two C. three D. four
15	Point which do not on the same straight line is called.	A. Non collinear B. Collinear C. Equal D. Overlopping
16	Factorization of x3 -6x2 + 12x -x is:	A. (x +2)3 B. (x-2)3 C. x3 +23

D. x3- 23

17	A parallelogram containing a right angle is called a:	A. quadrilateral B. square C. rectangle D. equilateral
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	The general form of a cubic polynomial is:	A. ax2 + bx +c B. ax + b C. ax4 +bx3+cx2+dx+e D. ax3 + bx2 + cx + d
20	The area of an equilateral triangle with side 'a' is:	A. 1/2πr2 B. 3a2/2 C. √3a2/2 D. 2πr2

A. external tangent
B. internal tangent
C. concyclic tangent
D. concentric tangent