

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

Sr	Questions	Answers Choice
1	The quardrant is the circle is called.	A. 0 B. (1,0) C. (0,0) D. (0,1)
2	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)
3	1kl = ?	A. 1 m ³ B. 10 ⁶ cm ³ C. 10 ⁹ mm ³ D. 1 m ⁴
4	Which of the following is a pure surd?	A. 4√3 B. 5√7 C. 1/7√3 D. 4
5	The number of perpendicular bisectors of the sides of a triangle is:	A. 0 B. 4 C. 3 D. 2
6	All the altitudes are equal of an:	A. rectangle B. scalene triangle C. isosceles triangle D. equilateral triangle
7	A parallelogram containing right angles is called a:	A. equilateral B. rectangle C. quadrilateral D. square
8	Who gave idea of plane:	A. John Napier B. Jobst burgi C. Descartes D. Arthur cayley
9	The abbreviation of the words "least common multiple" is:	A. H.C.F B. L.E.M C. L.C.M D. L.M.C
10	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:	A. irraational expression B. rational expression C. proper rational expression; D. improper rational expression
11	A square or a rectangular array of numbers written within square brackets or parentheses in a definite order is called a:	A. determinate B. diagonal C. matrix D. row
12	The union of two rays with the common end point is called:	A. arm B. vertex C. angle D. midpoint
13	The midpoint of the diameter of a circle is called:	A. radius B. chord C. center D. tangent
14	Diagonal of a square with side is:	A. 1/2 a B. 2a C. 2a ² D. 4a
15	A square matrix in which all the element except at least one element in the diagonal are zero is called a:	A. rectangular matrix B. zero matrix C. square matrix D. diagonal matrix

16	Which of the following expression is not a rational expression?	A. $3\sqrt{x} + 1/3\sqrt{x} + 1$ B. $x3 + 1/x + 1$ C. $x + 1/3x3 + x2 + 3$ D. $2x2/3y3$
17	A polynomial D(x) is called a divisor of a polynomial p(x),if:	A. $P(x) = D(x)/Q(x)$ B. $D(x) = P(x), Q(x)$ C. $Q(x) = p(x), D(x)$ D. $P(x) = D(x)$. $Q(x)$
18	The point of intersection of the perpendicular bisectors of the sides of a triangle meet, is called:	A. circum-center of the triangle B. incenter of the triangle C. centroid of the triangle D. orthocenter of the triangle
9	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
0	The symbol ">" stand for:	A. greater than B. less than C. less than or equal to D. greater than and equal to