

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

Sr	Questions	Answers Choice
1	If a order of matrix A is $(m \times p)$ and order of matrix B is $(p \times n)$. Then order of matrix AB is:	A. mxp B. pxn C. mxn D. nxn
2	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
3	The side opposite to a right angle in a right angled triangle is called:	A. base B. altitude C. Hypotenuse D. Perpendicular
4	A matrix consisting of only one row is called a:	A. row matrix B. column matrix C. scalar matrix D. rectangular matrix
5	If $a \times b = 0$ then $a = 0$ or $b = 0$ (both a and b equal to zero) is called:	A. solution of equation B. law of indices C. law of null factor D. law of inverse
6	2(a2 + b2) = ?	A. (a2 + b2) -4ab B. (a + b)2 + (a - b)2 C. (a + b ÷ c)2 D. (a + b)2 - (a - b)2
7	The opposite angles of a parallelogram are:	A. congruent B. similar C. equal D. right angle
8	Which matrix is said to be additive identity of any matrix:	A. scalar matrix B. diagonal matrix C. zero matrix D. unit matrix
9	The centro id of a triangle divides each one of the medians in the ratio:	A. 1:1 B. 1:2 C. 2:1 D. 2:2
10	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
11	All the altitudes are equal of an:	A. rectangle B. scalene triangle C. isosceles triangle D. equilateral triangle
12	A parallelogram containing right angles is called a:	A. equilateral B. rectangle C. quadrilateral D. square
13	Who gave the idea of plane:	A. John Napier B. Jobst burgi C. Descartes D. Arthur cayley
14	Point line on the same line called.	A. Non -Collinear B. Collinear C. Equal D. Overlapping
15	The quardrant is the circle is called.	A. 0 B. (1,0) C. (0,0) D. (0,1)

16	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
17	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)
18	The symbol '>' stand for:	A. greater than B. less than C. less then or equal to D. greater than or equal to
19	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)
20	A point in Il-quadrant has its abscissa:	A. positive B. negative C. zero D. one