

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

Sr	Questions	Answers Choice
1	IF $At = -A$ then matrix A is called a:	A. symmetric matrix B. skew - symmetric matrix C. transpose of matrix D. identity matrix
2	$x + 5/x^2 - 6x - x/x - 6 = ?$	A. $5 - x - x^2/x^2 - 6x$ B. $5 + x - x^2/x^2 - 6x$ C. $5 + x - x^2/x^2 + 6x$ D. $x^2 - 6x/5 + x - x^2$
3	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
4	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
5	A triangle with two equal sides is called an:	A. isosceles triangle B. obtuse triangle C. scalene triangle D. acute triangle
6	If two or more algebraic expressions are given the highest degree which divides each of them without remainder is called:	A. L.C.M B. H.C.F C. square root D. factorization
7	The union of two rays with the common end point is called:	A. arm B. vertex C. angle D. midpoint
8	The process of writing an expression as a product of two or more factors is called:	A. polynomial B. factorization C. factors D. quadratic polynomial
9	A point 4 quadrant has in ordinate	A. Positive B. Negative C. Zero D. One
10	The area of four walls of a room when length, breadth and height of a room are given is:	A. $l \times b$ B. $2h(l + b)$ C. $h(l + b)$ D. $2(l + b)$
11	Which matrix has no multiplicative inverse?	A. unit matrix B. singular matrix C. non - singular matrix D. diagonal matrix
12	A parallelogram containing a right angle is called a:	A. quadrilateral B. square C. rectangle D. equilateral
13	The altitudes of a triangle are:	A. concurrent B. collinear C. non-collinear D. non-concurrent
14	H.F.C of $8xy^2z^3$ and $12x^2y^2z^2$ is:	A. $4x^2y^2z^2$ B. $4xy^2z^2$ C. $8xy^2z$ D. $8xyz$
15	The point at which the three angle-bisectors of a triangle meet is called:	A. circum-center of the triangle B. inceter of the triangle C. centroid of the triangle D. orthocenter of the triangle

16	The midpoint of the diameter of a circle is called:	A. radius B. chord C. center D. tangent
17	Question Image	A. $uv-yx$ B. $vx - uv$ C. $uy - vx$ D. 0
18	Factors of $x^2 - x - 156$ are:	A. $(x - 12)(x - 13)$ B. $(x - 12)(x + 13)$ C. $(x + 12)(x + 13)$ D. $(x - 13)(x + 12)$
19	The solution set of $x - 7 < 5 - 2x$ is:	A. $x > 4$ B. $x = 4$ C. $x \leq 4$ D. $x \leq -4$
20	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