

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

Sr	Questions	Answers Choice
1	Supplementary angle (straight) is equal to:	A. 90° B. 30° C. 180° D. 120°
2	Angle in a semi-circle is of measure :	A. 45° B. 60° C. 90° D. 120°
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	If $x - a$ is the factor of P(x), then P(a) will be:	A. 0 B. 1 C. -a D. a
5	Circles in the same plane with same center and different radii are called:	A. concentric circles B. semi circles C. equal circles D. concyclic circles
6	If $x^2 + 1$ is divided by $x + 1$, then the remainder is:	A. 0 B. 1 C. 2 D. 3
7	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
8	The product of two factors is equal to:	A. H.C.F B. $H.C.F \times L.C.M$ C. L.C.M D. $H.C.F / L.C.M$
9	Which matrix has no multiplicative inverse?	A. unit matrix B. singular matrix C. non - singular matrix D. diagonal matrix
10	Which matrix is said to be additive identity of any matrix:	A. scalar matrix B. diagonal matrix C. zero matrix D. unit matrix
11	An expression which involves numbers and letters together with operational signs is called:	A. Polynomial B. Algebraic expression C. rational expression D. Irrational expression
12	The distance between the point (2,1) and (-4,3) is:	A. $2\sqrt{10}$ B. $10\sqrt{2}$ C. 2 D. 10
13	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

		D. orthocenter of the triangle
14	The altitude of a triangle are:	A. concurrent B. collinear C. non-collinear D. non-concurrent
15	All the altitudes are equal of an:	A. rectangle B. scalene triangle C. isosceles triangle D. equilateral triangle
16	Question Image	A. Distance formula B. Colliear point C. Non Colliear point D. Equal point
17	Question Image	A. 72° B. 180° C. 108° D. 90°
18	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
19	The area of an equilateral triangle with side 'a' is:	A. $1.5\sqrt{3}a^2$ B. $3a^2$ C. $\frac{\sqrt{3}}{4}a^2$ D. $2\sqrt{3}a^2$
20	A point in II-quadrant has its abscissa:	A. positive B. negative C. zero D. onw