

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

Sr	Questions	Answers Choice
1	Two matrices are conformable for addition if they are of the:	<p>A. same order</p> <p>B. different order</p> <p>C. order 2 x 2</p> <p>D. order 3 x 3</p>
2	The area of an equilateral triangle with side 'a' is:	<p>A. $\frac{1}{2}a^2$</p> <p>B. $\frac{\sqrt{3}}{4}a^2$</p> <p>C. $\frac{\sqrt{3}}{2}a^2$</p> <p>D. $\frac{1}{4}a^2$</p>
3	Point the negative x-axis have negativer	<p>A. abscissa</p> <p>B. ordinate</p> <p>C. Value</p> <p>D. Fraction</p>
4	The symbol ">" stand for:	<p>A. greater than</p> <p>B. less than</p> <p>C. less than or equal to</p> <p>D. greater than and equal to</p>
5	If the centers of two circles lie in either side of the common tangent then it is called:	<p>A. external tangent</p> <p>B. internal tangent</p> <p>C. concyclic tangent</p> <p>D. concentric tangent</p>
6	Question Image	<p>A. 72°</p> <p>B. 180°</p> <p>C. 108°</p> <p>D. 90°</p>
7	The centroid of a triangle divides each one of the medians in the ratio:	<p>A. 1:1</p> <p>B. 1:2</p> <p>C. 2:1</p> <p>D. 2:2</p>
8	A polynomial D(x) is called a divisor of a polynomial p(x), if:	<p>A. $P(x) = D(x)/Q(x)$</p> <p>B. $D(x) = P(x), Q(x)$</p> <p>C. $Q(x) = p(x), D(x)$</p> <p>D. $P(x) = D(x), Q(x)$</p>
9	Factorization of $x^3 - 6x^2 + 12x - x$ is:	<p>A. $(x+2)^3$</p> <p>B. $(x-2)^3$</p> <p>C. $x^3 + 23$</p> <p>D. $x^3 - 23$</p>
10	The number of angle bisectors of a triangle is:	<p>A. 1</p> <p>B. 2</p> <p>C. 3</p> <p>D. 4</p>
11	Factor of $x^3 - 4x - 77 = 0$ are:	<p>A. (11, -7)</p> <p>B. (11, 11)</p> <p>C. (11, 7)</p> <p>D. (-7, 7)</p>
12	A point 4 quadrant has in ordinate	<p>A. Positive</p> <p>B. Negative</p> <p>C. Zero</p> <p>D. One</p>

13	Any term of an equation may be taken to the other side with its sign changed without affecting the equation is called:	A. factorization B. surd C. transposition D. transformation
14	A line segment that bisects an angle of the triangle and has its other end on the side opposite to that angle is called:	A. altitude of the triangle B. incenter of the triangle C. angle bisector of the triangle D. median of the triangle
15	The number of perpendicular bisectors of the sides of a triangle is:	A. 0 B. 4 C. 3 D. 2
16	The quadratic form of $x - \frac{5}{2}x = x - \frac{4}{3}$ is:	A. $2x^2 - 11x + 15$ B. $2x^2 - 15x + 11$ C. $2x^2 - 22x + 15$ D. $2x^2 + 11x - 15$
17	The general form of a cubic polynomial is:	A. $ax^2 + bx + c$ B. $ax + b$ C. $ax^4 + bx^3 + cx^2 + dx + e$ D. $ax^3 + bx^2 + cx + d$
18	The midpoint of the diameter of a circle is called:	A. radius B. chord C. center D. tangent
19	Hero's formula is:	
20	How many parallel lines to a given line can be drawn through a point?	A. two B. three C. so many D. one and only one