

Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	The equation of a straight line in the point slope form is written as	A. $y = m(x+c)$ B. $y - y_1 = m(x - x_1)$ C. $y = c + mx$ D. $ax + by + c = 0$
2	The graphs of which equation pass through the origin.	A. $y = 4x + 2$ B. $y = x^2 + 1$ C. $y = 3x^3 + 1$ D. $xy = 8$
3	A card is chosen from a pack of 52 playing cards find the probability of getting no jack and king.	A. $\frac{2}{3}$ B. $\frac{11}{13}$ C. $\frac{2}{52}$ D. $\frac{11}{52}$
4	The graph of $y = x^3$, cuts the x-axis at	A. $x = 2$ B. $x = 0$ C. $x = 1$ D. $x = -1$
5	Which one of them is unary operation.	A. Subtraction B. Multiplication C. Negation D. Addition
6	Fundamental trigonometric ratios are	A. 3 B. 4 C. 5 D. 6
7	The observation that occurs most often is called	A. Mode B. Median C. Mean D. Range
8	A regular polygon has an interior angle of 165° . How many sides does it have?	A. 15 B. 16 C. 20 D. 24
9	If $n(S) = 12$ and $n(B) = 8$ then $p(B)$ is	A. $\frac{3}{2}$ B. $\frac{2}{3}$ C. 20 D. 4
10	Locus of point equidistant from a fixed line is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
11	The graph of a quadratic function is always.	A. Straight line B. Curves line C. Parabola D. Hyperbola
12	If $\log(x+3) = \log(15x-4)$ then x is.	A. 0.5 B. 7 C. 2 D. 17
13	Question Image <input style="width: 200px; height: 20px;" type="text"/>	A. Reciprocal property B. Additive property C. Multiplicative property D. Division property
14	Which of the following sentences describe deductive reasoning?	A. General conclusions from a limited number of observations B. Based on repeated experiments C. Based on repeated experiments D. Draw conclusion from well-known facts
15	If x-coordinates of two points are same then line passing through them is perpendicular to	A. x-axis B. y-axis

		C. Origin D. any line
16	The graph of which function has "S" shapes	A. Linear B. quadratic C. Cubic D. Reciprocal
17	The ortho center of an acute triangle liesof triangle.	A. Inside B. Outdise C. Midpoint D. Vertex of
18	Point of concurrency of three medians of a triangle is called its.	A. In centre B. Ortho centre C. Centroid D. Circumcentre
19	The prbabilty of a certain Event is	A. 0 B. 1 C. 2 D. Not possible
20	Factors of $3x^2 - x - 2$ are	A. $(x+1)(3x-2)$ B. $(x+1)(3x+2)$ C. $(x-1)(3x-2)$ D. $(x-1)(3x+2)$