

## Mathematics 9th Class English Medium Online Test

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Sr	Questions	Answers Choice
1	In right -angled triangle one angle is right, other two angles are.	A. Right B. Obtuse C. Acute D. One acute,one obtuse
2	A locus is a set of points that follow a given.	A. Instructions B. rule C. variable D. value
3	In Scientific notation ,if the numebr is less than 1 , the exponent is.	A. Negative B. Positive C. Zero D. None of these
4	If A is a subset of B and A = B, then a is anof B.	A. Universal Set B. Proper Subset C. Improper Subset D. Power Set
5	Who did introduce the numerals (0-9) to Europe	A. Arabs B. Egyptians C. Summerians D. Indians
6	A vertical line divides the plane into	A. Left half plane B. Right half plane C. Full plane D. Two half plane
7	y = -3x3 + 7 isfunction.	A. exponential B. cubic C. linear D. reciprocal
8	Circumcentre is the point of concurrency of threeof traingle.	A. Right bisectors B. Angle bisectors C. Altitudes D. Medians
9	The logarithm of unity to any base is.	A. 1 B. 0 C. 10 D. e
10	If the product of the gradients of two lines is (-1) then the lines are	A. Parallel B. Perpendicular C. Collinear D. Coincident
11	A line passing through points(1,2) and (4,5) has which equation in the slope intercept form?	A. y=x+1 B. y = 2x+3 C. y =3x-2 D. y = x+2
12	A deviation is a difference of any value of the variable from a	A. Constant B. Variable C. Sum D. Zero
13	Every surd is annumber	A. Rational B. Real C. Complex D. Irrational
		A. log 0
14	Question Image	B. log 2 D. 1og 15
15	If the decimal point is moved to the right when converting to scientfic notation, the exponent is.	A. Negative B. Positive C. Zero D. Constant

16	Factorization of $x^3 + 3x^2 + 3x = 1$ is	A. (x +1)3 B. (X-1)3 C. (x+1)(x2+x+1) D. (x-1)(x2-x+1)
17	For what value of k, a line passing through the points (-3,-7) and (4,k) has gradient 3/7?	A. 4 B4 C3 D7
18	A triangle having all sides different is called	A. Isoseles B. Scalene C. Equilateral D. Right
19	Locus of points equidistant fromtwo fixed points is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
20	Question Image	A. 3/4 B. 4/3 C. 9/8 D. 9/4