

## Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	A conditional is regarded as false only when	A. Antecedent is true and consequent is false B. Consequent is true and antecedent is false C. Antecedent is true only D. Consequent is false only
2	The logarithm of 345 is.	A. 1.5378 B. 2.5738 C. 2.5738 D. 3.5738
3	$y = 5^x$ is.....function	A. Linear B. quadratic C. cubic D. exponential
4	Venn diagram is useful only in case of.	A. Universal set B. Subsets C. Abstract sets D. Concrete sets
5	The factors of $4x^2 - 12x + 9$ are	A. $(2x+3)^2$ B. $(2x-3)^2$ C. $(2+3x)(2-3x)^2$ D. $(2x-3)(2x+3)$
6	The sexagesimal system is a number system with the base	A. 2 B. 10 C. 60 D. 16
7	In Scientific notation, if the number is less than 1, the exponent is.	A. Negative B. Positive C. Zero D. None of these
8	The middlemost observation in arranged data set is called	A. Mode B. Range C. Mean D. Median
9	The angle bisectors of the angles of a triangle are	A. Congruent B. Collinear C. Concurrent D. Parallel
10	All points $(x,y)$ with $x < 0, y < 0$ lie in quadrant	A. I B. II C. III D. IV
11	Question Image	A. Reciprocal property B. Additive property C. Multiplicative property D. Division property
12	How many letters are used in the Roman use.	A. Decimal System B. Sexagesimal system C. Roman numeral system D. Indo-arabic numeral system
13	The bisectors of the angles of a triangle meet at a point called.	A. In centre B. Ortho centre C. Circumcentre D. Centroid
14	The points $(x,y)$ with $x > 0, y < 0$ lie in quadrant	A. I B. II C. III D. IV
15	If $7x + 4 < 6x + 6$ , then $x$ belongs to the interval	A. 0

16 The probability of a certain Event is  
B. 1  
C. 2  
D. Not possible

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17 Median from the data 1,4,0,7 and 9 is  
A. 0  
B. 4  
C. 5  
D. 7

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18 The disjunction  $p \vee q$  is False when  $p$  and  $q$  are  
A. T, T,  
B. T, F  
C. F, T  
D. F, F

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19 In coordinates  $(xy)$ ,  $x$  is known as  
A. Abscissa  
B. Ordinate  
C. First element  
D. second element

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20 If the mean of 5,7,8,9 and  $x$  is 7.5, what will be the value of  $x$ ?  
A. 10  
B. 8  
C. 8.5  
D. 5.8