

## Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	They y - intercepts of $y = -2x - 1$ is	A. -2 B. 2 C. -1 D. 1
2	Number of ways in which a set can be described as	A. 1 B. 2 C. 3 D. 4
3	The HCF of $a^3 b^3$ and $ab^2$ is	A. $a^3 b^3$ B. $ab^2$ C. $a^2 b^2$ D. $a^2 b$
4	If the decimal point is moved to the left when converting to scientific notation, the exponent is.	A. Positive B. Negative C. Zero D. Constant
5	The number of times a value occurs in a data is called	A. Frequency B. Relative frequency C. Class limit D. Class mark
6	If $\log(x+3) = \log(15x-4)$ then x is.	A. 0.5 B. 7 C. 2 D. 17
7	Corner point is also called	A. Code B. Vertex C. Curve D. Region
8	The sexagesimal system is a number system with the base	A. 2 B. 10 C. 60 D. 16
9	The number of elements in power set $\{a,b,c,d\}$ is.	A. 4 B. 8 C. 16 D. 32
10	The chance of occurrence of a particular event is called.	A. Sample space B. Estimated probability C. Probability D. Expected frequency
11	A line that continually approaches a given curve but does not meet it at any finite distance is called.	A. Horizontal line B. Vertical line C. Tangent line D. Asymptotes
12	Question Image	B. 1
13	The factors of $x^2 - 5x + 6$ are	A. $x+1, x-6$ B. $x-2, x-3$ C. $x+6, x-1$ D. $x+2, x+3$
14	$\log(0) =$	A. Positive B. Zero C. Undefined D. Negative
15	The ortho center of an acute triangle lies ..... of triangle.	A. Inside B. Outside C. Midpoint D. Vertex of
16	Question Image	A. Closed right B. Closed left C. Open right

17 Rational number + irrational number =

- A. Irrational number
- B. Rational Number**
- C. Real Number
- D. Both a and b

18 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.  $y = x+2$

19 Point (-1,4) lies in quadrant

- A. I
- B. II**
- C. III
- D. IV

20 The range of  $R = \{(1,3), (2,2), (3,1), (4,4)\}$  is

- A.  $\{2,3,4\}$
- B.  $\{1,2,3\}$
- C.  $\{1,2,3,4\}$**
- D.  $\{1,3,4\}$