

## Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	H.C.F of $35a^2b^2$ and $20a^3b^3$ is	A. $5a^2b^2$ B. $20a^3b^3$ C. $35a^5b^5$ D. $5ab$
2	Which of the following is used to measure the angle.	A. Compass B. Protector C. Scale D. Set square
3	The formula of Fibonacci sequence is.	
4	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. $\{1,3,4\}$
5	An outcome which represents how many times we expect the things to be happened is called	A. Outcomes B. Favourable outcomes C. Sample space D. Sample point
6	The factorization of $12x + 36$ is	A. $12(x+3)$ B. $12(3x)$ C. $12(3x+1)$ D. $x(12+36x)$
7	Question Image	A. Irrational Numbers B. Rational Numbers C. Whole Numbers D. Natural Numbers
8	Question Image	
9	All points $(x,y)$ with $x < 0, y < 0$ lie in quadrant	A. I B. II C. III D. IV
10	Question Image	A. associative property of intersection B. Associative property of Union C. Commutative property of intersection D. Commutative property of Union
11	Question Image	A. Distributive of union B. De-Morgan's law C. Distributive property of intersection over union D. Distributive property of union over intersection
12	The sum of all relative frequencies is always equal to.	A. 0 B. 1 C. 1.5 D. 2
13	Solution of $5x - 10 = 10$ is	A. 0 B. 50 C. 4 D. -4
14	Question Image	A. Natural Number B. Rational Number C. Irrational Numbers D. Integers
15	The probability of an equally likely event is	A. 0 B. 1 C. 50 D. 0.5
		A. $x+1, x-6$

16	The factor of $x^2 - 5x + 6$ are	B. $x-2, x-3$ C. $x+6, x-1$ D. $x+2, x+3$
17	A perpendicular from a vertex of a triangle to the opposite side is called.	A. Altitude B. Median C. Angle bisector D. Right bisector
18	Estimated probability of an event occurring is also known as	A. Relative frequency B. Expected frequency C. Class boundaries D. Sum of expected frequency
19	Locus of points equidistant from two fixed points is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
20	The parallelogram has an area of 64 cm <sup>2</sup> and a similar parallelogram has an area of 144 cm <sup>2</sup> . If a side of the smaller parallelogram is 8 cm, what is the corresponding side of the larger parallelogram?	A. 10 cm B. 12 cm C. 18 cm D. 16 cm