

Mathematics 9th Class English Medium Online Test

Sr	Questions	Answers Choice
1	The set havig only one element is called	A. Null set B. Power set C. Subset D. Singleton set
2	The number of elements in a power set {a,b,c,d} is	A. 4 B. 6 C. 8 D. 16
3	All points (x,y) with $x < 0, y < 0$ lie in quadratn.	A. I B. II C. III D. IV
4	The factors of $4x^2 - 12y + 9$ are	A. $(2x + 3)^2$ B. $(2x - 3)^2$ C. $(2+3x)(2-3x)^2$ D. $(2x-3)(2x+3)$
5	Which of the following is a valid identity.	
6	the sequence 0,1,1,2,3,5,8,13,21..... is known as	A. Fibonacci B. Prime C. Even D. Odd
7	If $g(x) = x^2 - 3$ then $g(4) =$	A. 9 B. 11 C. 13 D. 10
8	How many types of function ?	A. 2 B. 3 C. 4 D. 5
9	Which of the following can be constructed by compass.	A. 105° B. 125° C. 130° D. 55°
10	The number of times a value occurs in a data is called	A. Frequency B. Relative frequency C. Class limit D. Class mark
11	Factors of $x^4 - 16$ is	A. $(x-2)^2$ B. $(x-2)(x+2)(x^2+4)$ C. $(x-2)(x+2)$ D. $(x+2)^2$
12	Which of the followig is the set of first hundred whole number	A. $\{1, 2, 3, \dots, 100\}$ B. $\{1, 2, 3, \dots, 99\}$ C. $\{0, 1, 2, 3, \dots, 100\}$ D. $\{0, 1, 2, 3, \dots, 99\}$
13	Question Image	
14	Q and Q' are.....sets	A. disjoint B. Over lapping C. Intrsecting D. Supper
15	Which of them is the set of all elements of U, which belong to A but do not belong to B is called.	A. Overlapping sets B. Difference of sets C. Disjoint sets D. Complement of a set
16	The solution region of inequality $x < 1$ is half plane	A. Closed right B. Closed left C. Open right D. Open left

17 A frequency polygon is geometrically

A. Closed figure
B. Open figure
C. Straight
D. Curved

18 In a frequency polygon frequencies are plotted against

A. Midpoints
B. Class limits
C. Class boundaries
D. Size of classes

19 For what value of k, a line passing through the points $(-3, -7)$ and $(4, k)$ has gradient $3/7$?

A. 4
B. -4
C. -3
D. -7

20 Question Image

A. Prime Number
B. Odd Number
C. Irrational Number
D. Rational Number
