


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.....100} B. {1,2,3.....,99} C. {0,1,2,3.....100} D. {0,1,2,3.....,99}
13	Question Image	
14	Qand 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 $\frac{3}{7}$?	A. 4 B. -4 C. -3 D. -7
20	<div>Question Image</div> 	A. Prime Number B. Odd Number C. Irrational Number D. Rational Number