Set and Functions

Sr	Questions	Answers Choice
1	Question Image	A. P B. Q C. U D. O
2	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}
3	Numebr of elements in power set of {1,2,3}	A. 4 B. 6 C. 8 D. 9
4	the sequence 0,1,1,2,3,5,8,13,21..... is known as	A. Fibonacci B. Prime C. Even D. Odd
5	A set containing no element is called	A. Empty set B. Subset C. Singleton set D. Super set
6	If g(x) = x^2 -3 then g (4) =	A. 9 B. 11 C. 13 D. 10
7	Question Image	A. Commutative proerprty of Union B. Commutative property of intersection C. Associative property of union D. Associative proeprty of intersection
8	If g (x) = 7x-2 then g(-1) =	A. -2 B. -1 C. -7 D. -9
9	Point (-3,4) lies in the quadrant.	A. I B. II C. III D. IV
10	Question Image	A. {1,2,4,5} B. {2,3} C. {1,3,4,5} D. {1,2,3}
11	Number of way sto describe a set	A. 1 B. 2 C. 3 D. 4
12	If f(x) = 2x -1 then f (7)	A. 10 B. 11 C. 13 D. 15
13	If A=(1,2,3,4} and B= (x.y.z}, then Cartesian product of A and B contains exactly .....element.	A. 13 B. 6 C. 10 D. 12
14	Venn diagramis useful only in case of.	A. Univesal set B. Subsets C. Abstract sets D. Concrete sets
15	A set having only one element is called	A. Singleton set B. Super set C. Power Set

		D. Sub set
16	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)
17	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
18	How many types of function ?	A. 2 B. 3 C. 4 D. 5
19	The number of elements in power set {a,b,c,d} is.	A. 4 B. 8 C. 16 D. 32
20	If the interesection of two sets is non-empty but neither is a subset of the other, the sets are called .....sets.	A. Complement B. Overlapping C. Difference D. Disjoint