Sets and Functions

Sr	Questions	Answers Choice
1	A∩ A^c=	A. ∪ B. A^c C. ∅ D. A
2	The domain of {(a,b),(b,c),(c,d)} is.....	A. {a,b,c} B. {b,c,d} C. {a,b} D. {a,b,c,d}
3	if A∩ b =∅, then set A and B are .....sets.	A. sub B. over kaooubg C. Disjoint D. Power
4	x-coordinate of every pint on x-axis is.	A. +ve B. -ve C. zero D. 1
5	The relation {(a,b),(b,c),(a,d)} is.....	A. A function B. Not a function C. Range D. Domain
6	If A= {1,2,3} , B ={4,5} and R+{(1,4),(2,5),(3,4)} then R is _____	A. One - one function from A to B B. A function A to A C. Not a funtion D. An onto function from A to B
7	O∪ E = ...	A. ∅ B. O C. E D. Z
8	Which of the following is associative law of union?	A. A∪ (B ∪ C) = (A∪ B)∪ C B. A∩ (B∩C)= (A∩B)∩C C. A∪ (B∩ C) = (A∪ B)∩ (A∪ C) D. A∩(B∪ C) = (A∩B)∪(A∩C)
9	The number of element in power set {1.2.3} is.	A. 4 B. 8 C. 6 D. 9
10	If A⊆ B then A∪ B is equal to	A. A B. B C. ∅ D. None of these
11	Number of elements in power set of {1,2,3}	A. 4 B. 6 C. 8 D. 9
12	A histogram is g group/ set of adjacent:	A. squares B. circles C. rectangle D. cube
13	A collection of well-defined distinct object is called:	A. Subset B. Power set C. Set D. None of these
14	A set containing no element is called.	A. subset B. Empty set C. Singleton set D. Super set
15	If A ={0,1,2}, B={2,3,4,5} , then A∪B are:	A. Empty sets B. Equal sets C. Overlapping sets D. Disjoint set

16	Point (-1, 4) lies in the quadrant:	A. I B. II C. III D. IV
17	The domain of R = {(0,2),(2,3),(3,3)(3,4)} is.	A. {0,3,4} B. {0,2,3} C. {0,2,4} D. {2,3,4}
18	Power set of an empty set is:	B. {a}
19	The number of elements of the power set {a,b} are.	A. 1 B. 2 C. 3 D. 4
20	A set having only one member.	A. Empty set B. Power set C. Singleton set D. Sub set