Sets and Functions

Sr	Questions	Answers Choice
1	U' = _____	A. U B. A C. A' D. φ
2	If number of elements in se A is 3 and in set B is 2, then number or binary relations in A x B is.	A. 3 B. 4 C. 7 D. 12
3	Formula to determine the size of a class is:	A. X_{max} - X_{min} B. X_{max} + X_{min} C. Range/number of groups D. number of groups/Range
4	if A∩ b =⌀, then set A and B are .....sets.	A. sub B. over kaooubg C. Disjoint D. Power
5	if A and B are disjoint sets , then A∪ B is equal to.	A. A B. B C. ⌀ D. B∪ A
6	The relation R = {(1,2),(2,3),(3,3),(3,4)} IS:	A. Not a function B. Onto function C. One-One function D. Into function
7	O∪ E = ...	A. ⌀ B. O C. E D. Z
8	If two sets have some elements common but not all are called..... sets	A. Sub B. OVERLAPPING C. Disjoint D. Super
9	When the number of observations of a set of data is even then the median formula is:	
10	If R = {(0,0),(8,2),(10,3),(14,12)}, then Dom R = _____	A. {0,8,10,14} B. {0,2,3,12} C. {8,10,4} D. {0,10}
11	The set {x/x∈W ^x≤ 101} is.	A. Infinite set B. Sub set C. Null set D. Finite set
12	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}
13	The different number of way to describe a set are.	A. 1 B. 2 C. 3 D. 4
14	The range of {(a,a),(b,b),(c,c) is	A. {a,b} B. {a,b,c} C. {a} D. ⌀
15	Sum of the deviations of values x from its mean is always "i.e ∑(x-x̄)'is to equal:	A. itself B. zero C. median D. mode

16	The formula of grouped data of the arithmetic mean is:	A. X = ∑X/n B. $\bar{X}$ = A + ∑fX/∑X C. $\bar{X}$ = ∑fX/n D. $\bar{X}$ = l +n/f (n/2 - c)
17	If set has 3 and B has 2 elements then number binary relations of A x B.	A. 2² B. 2⁸ C. 2⁶ D. 2³
18	The Range of R is, if R = {(1,3),(2,2),(3,1),(4,4)}.	A. {1,2,4} B. {3,2,4} C. {1,2,3,4} D. {1,3,4}
19	Venn diagram was first used by.....	A. John Venn B. Netwon C. Arthur Cayler D. John Napier
20	Power set of an empty set is:	B. {a}