Set and Functions

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	A. Distributive of union B. De-Morgan's law C. Distributive property of intersection over union D. Distributive property of union over intersection
3	Question Image	A. X B. Y C. U D. <span style="font-size:14.0pt;mso-bidi-font-size:11.0pt; line-height:107%;font-family:"Calibri",sans-serif;mso-ascii-theme-font:minor-latin; mso-fareast-font-family:"Times New Roman";mso-fareast-theme-font:minor-fareast; mso-hansi-theme-font:minor-latin;mso-bidi-theme-font:minor-latin;mso-ansi-language: EN-US;mso-fareast-language:EN-US;mso-bidi-language:AR-SA">Φ
4	Which of them is the set of all element of U, whcih do not belong to A called.	A. Disjoint Set B. Complement of a Set C. Difference set D. Overlapping sets
5	If set A has 3 elements and B has 4 then A x B has .....elements.	A. 4 B. 7 C. 3 D. 12
6	If f(x) = 2x -1 then f (7)	A. 10 B. 11 C. 13 D. 15
7	A set having only one element is called	A. Singleton set B. Super set C. Power Set D. Sub set
8	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}
9	Question Image	A. {4} B. {5} C. {6} D. {<span style="font-size:14.0pt;mso-bidi-font-size:11.0pt; line-height:107%;font-family:"Calibri",sans-serif;mso-ascii-theme-font:minor-latin; mso-fareast-font-family:"Times New Roman";mso-fareast-theme-font:minor-fareast; mso-hansi-theme-font:minor-latin;mso-bidi-theme-font:minor-latin;mso-ansi-language: EN-US;mso-fareast-language:EN-US;mso-bidi-language:AR-SA">Φ}
10	Ordered pair is written as.	A. x B. y C. (x,y) D. (y,x)
11	Which of the following cannot be used as binary operation	A. Division B. Square root

	Which of the following cannot be used as binary operation	C. Multiplicaion D. Addition
12	The complement of U is.	A. Sub B. <span style="font-size:14.0pt;mso-bidi-font-size:11.0pt; line-height:107%;font-family:"Calibri",sans-serif;mso-ascii-theme-font:minor-latin; mso-fareast-font-family:"Times New Roman";mso-fareast-theme-font:minor-fareast; mso-hansi-theme-font:minor-latin;mso-bidi-theme-font:minor-latin;mso-ansi-language: EN-US;mso-fareast-language:EN-US;mso-bidi-language:AR-SA">Φ C. Impossible D. Union
13	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
14	Question Image	A. Not a function B. onto function C. Into function D. One -one function
15	The number of elements in a power set {a,b} is.	A. 1 B. 2 C. 3 D. 4
16	If A={0} , then P {A}	A. 2 B. 3 C. 4 D. 8
17	Question Image	A. f is injective B. f is surjective C. f is bijective D. f is into only
18	Question Image	A. P B. Q C. U D. O
19	A collectionof wel-known objects is called	A. Set B. Power set C. Subset D. None
20	The set having only ne element is called	A. Null set B. Power Set C. Singleton set D. Subset