Mathematics 10th Class English Medium Unit 5 Online Test

Sr	Questions	Answers Choice
1	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}
2	If f is a function from A to B, then f is onto function if:	A. Range f≠ A B. Range f = B C. Dom f = A D. Second element of all ordered pairs contained in f is not repeated.
3	If f is a function from A to B, then f is one - one function if:	A. Range f≠ A B. Range f = B C. Dom f = A D. Second element of all ordered pairs contained in f is not repeated.
4	If A has two elements and B has 3 elements, then number of binary relations in A x B is _____	A. 2 x 3 B. 2³ C. 2⁶ D. 2²
5	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
6	U' = _____	A. U B. A C. A' D. φ
7	If { x|x=p/q, q≠0,p,q∈Z} then this is a _____	A. Set of even numbers B. Set of rational number C. Set of irraional numbers D. Set of integers
8	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
9	If B={1,2,100} and C = {2,100}, then B∩C = _____	A. {1,2} B. {1,2,100} C. {2} D. {2,1}
10	If R= { (a,2),(b,3),(c,3) }, then Dom R = _____	A. {1,2} B. {1,2,3} C. {a,b,c} D. {a,c}
11	the set {0,±1,±2,±3,.....} is:	A. Set of natural numbers B. Set of whole numbers C. Set of prime numbers D. Set of integers
12	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
13	Point (-1,4) lies in quadrant:	A. I B. II C. III D. IV
14	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}
15	If R ={(0,2),(2,3),(3,4)} then Dom (R) is:	A. {0,3,4} B. {0,2,3} C. {0,2,4}

D. {2,3,4}