Mathematics 10th Class English Medium Unit 5 Online Test

Sr	Questions	Answers Choice
1	If set has 3 and B has 2 elements then number binary relations of A x B.	A. 2^2 B. 2^8 C. 2^6 D. 2^3
2	If set a has 3 elements and B has 4 then A x B has _____ elements.	A. 3 B. 4 C. 12 D. 7
3	If A and B are two disjoint sets then A∪b = _____	A. A B. B C. ∅ D. B∪A
4	A∪(B∩C) = _____	A. (A∪B) ∩ (A∪C) B. A∩ (B∩C) C. (A∩ B)∪ (A∩C) D. A∪ (B∪ C)
5	(A∪B)∪C = _____	A. A ∩ (B∪C) B. (A∪B)∩C C. A∪ (B∪C) D. A∩(B∩C)
6	A⊆ B then A-b = _____	A. A B. B C. ∅ D. B-A
7	If A⊆ B the A∩ B = _____	A. A B. B C. ∅ D. A∪ B
8	If A⊆ B then A∪ B = _____	A. A B. B C. ∅ D. None of these
9	Number of elements in power set of {1,2,3}	A. 4 B. 6 C. 8 D. 9
10	Power set of empty set.	A. ∅ B. {a} C. {∅,{a}} D. {∅}
11	A set having only one member.	A. Empty set B. Power set C. Singleton set D. Sub set
12	A set containing no element is called.	A. subset B. Empty set C. Singleton set D. Super set
13	Collection of distinct objects.	A. Subset B. Power set C. Set D. None of the
14	The number of elements of the power set {a,b} are.	A. 1 B. 2 C. 3 D. 4
15	The number of elements in the power set of {1,2,3,4}.	A. 4 B. 8 C. 16 D. 0