

ECAT Mathematics Chapter 23

Sr	Questions	Answers Choice
1	The set of first elements of the ordered pairs in a relation is called its	A. domain B. range C. relation D. function
2	If A is a set then any subset R of $A \times A$ is called	A. relation on A B. relation on B C. relation from A to B D. relation from B to A
3	If A and B are two sets then any subset R of $B \times A$ is called	A. relation on A B. relation on B C. relation from A to B D. relation from B to A
4	If A and B are two sets then any subset R of $A \times B$ is called	A. relation on A B. relation on B C. relation from A to B D. relation from B to A
5	The number of subsets of a set having three elements is	A. 4 B. 6 C. 8 D. none of these
6	Question Image	
7	Question Image	
8	Question Image	
9	Question Image	A. Biconditional B. Implication C. Antecedent D. Hypothesis
10	Question Image	A. Conclusion B. Implication C. Antecedent D. Hypothesis
11	If we have a statement "if p then q" then q is called	A. Conclusion B. Implication C. Unknown D. Hypothesis
12	If p and q are two statements then their biconditional 'p if q' is denoted by	
13	A conditional "if p then q" is denoted by	
14	If p and q are two statements then their conjunction is denoted by	
15	If P is a proposition then its negative is denoted by	
16	A statement which is either true or false is called	A. Induction B. Deduction C. Proposition D. Logic
17	Question Image	A. A B. A' C. U D. None of these
18	Question Image	A. A B. B C. U D. None of these
19	Question Image	A. A B. B C. U D. None of these

- A. $n(A)$
- B. $n(B)$
- C. 0
- D. 1