

Mathematics ECAT Pre Engineering Online Test

Sr	Questions	Answers Choice
1	If p and q are two statements then their biconditional 'p if q' is denoted by	
2	A conditional "if p then q" is denoted by	
3	If p and q are two statements then their conjunction is denoted by	
4	If P is a proposition then its negative is denoted by	
5	A statement which is either true or false is called	A. Induction B. Deduction C. Proposition D. Logic
6	Question Image	A. A B. A' C. U D. None of these
7	Question Image	A. A B. B C. U D. None of these
8	Question Image	A. A B. B C. U D. None of these
9	Question Image	A. n(A) B. n(B) C. 0 D. 1
10	Question Image	A. A B. A' C. U D. None of these
11	Question Image	A. A B. A' C. U D. U'
12	Question Image	B. A C. A' D. U
13	Question Image	A. A B. A' C. U D. A A'
14	Question Image	
15	Question Image	
16	Question Image	A. A B. B C. A'B' D. B'A
17	Question Image	
18	Question Image	
19	Question Image	
20	Question Image	
21	Question Image	
22	Question Image	

23	Question Image	
24	Question Image	
25	Question Image	
26	Two sets A and B are said to be disjoint if	
27	If A and B are two sets then intersection of A and B is denoted by	
28	Write down the power set of {9, 11}	
29	What is the number of elements of the power set of { }	A. 0 B. 1 C. 2 D. 3
30	What is the number of elements of the power set of {0, 1}	A. 1 B. 2 C. 3 D. 4