

Mathematics ECAT Pre Engineering Chapter 2 Set, Functions and Groups Online Test

Sr	Questions	Answers Choice
1	Question Image	A. A B. A' C. U D. None of these
2	Question Image	A. A B. A' C. U D. U'
3	Question Image	B. A C. A' D. U
4	Question Image	A. A B. A' C. U D. A A'
5	Question Image	
6	Question Image	
7	Question Image	A. A B. B C. A'B' D. B'A
8	Question Image	
9	Question Image	
10	Question Image	
11	Question Image	
12	Question Image	
13	Question Image	
14	Question Image	
15	Question Image	
16	Question Image	
17	Two sets A and B are said to be disjoint if	
18	If A and B are two sets then intersection of A and B is denoted by	
19	Write down the power set of {9, 11}	
20	What is the number of elements of the power set of { }	A. 0 B. 1 C. 2 D. 3
21	What is the number of elements of the power set of {0, 1}	A. 1 B. 2 C. 3 D. 4
22	If $n(A) = n$ then $n(P(A))$ is	A. $2n$ B. n^{2^2} C. $n/2$ D. 2^{2^n}
23	Question Image	
24	A set having only one element is called	A. An empty set B. Universal set C. A singleton set

		D. A power set
25	Which of the following sets is finite	A. The set of natural numbers between 3 and 10 B. The set of rational numbers between 3 and 10 C. The set of real numbers between 0 and 1 D. The set of rational numbers between 0 and 1
26	Which of the following sets is infinite	A. The set of students of your class B. The set of all schools in Pakistan C. The set of natural numbers between 3 and 10 D. The set of rational numbers between 3 and 10
27	$A - B =$ _____	
28	The sets {1, 2, 4} and {4, 6, 8, 10} are	A. Equal sets B. Equivalent sets C. Disjoint sets D. Overlapping sets
29	Question Image	A. A finite set B. An infinite set C. An empty set D. None of these
30	Question Image	A. An empty set B. Universal set C. A singleton set D. None of these