

Mathematics ECAT Pre Engineering Online Test

Sr	Questions	Answers Choice
1	If A is a subset of B and B contains at least one element which is not an element of A, then A is said to be	A. Improper subset of B B. Super set of B C. Proper subset of B D. None of these
2	For any two sets A and, $A \subseteq B$ if	A. $x \in A \Rightarrow x \in B$ B. $x \notin A \Rightarrow x \notin B$ C. $x \in A \Rightarrow x \notin B$ D. None of these
3	The solution of equation $x^2 + 2 = 0$ in the set of real number is	A. Infinite set B. Singleton set C. Null set D. None of these
4	If a 1-1 correspondence can be established b/w two sets A and B, then they are called	A. Equal sets B. Equivalent sets C. Over lapping sets D. None of these
5	Question Image	
6	Question Image	
7	Question Image	A. are real no B. both are not real C. are imaginary no D. both are imaginary
8	Question Image	
9	Question Image	B. 1 D. -1
10	Question Image	A. 1 B. 3 C. 2-i D. -1
11	Question Image	
12	Question Image	
13	Question Image	A. -8 B. 8 C. 8i D. 32
14	Question Image	
15	Question Image	
16	Question Image	
17	Question Image	A. 1 B. -i C. i D. 0
18	Question Image	
19	Question Image	
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21	Question Image	
22	Question Image	
23	The set of natural no. is closed under	A. multiplication B. subtraction C. difference D. ...

24	Question Image
25	Question Image
26	Question Image
27	Question Image
28	Question Image
29	Question Image
30	Question Image