

Mathematics Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	To draw general conclusions from a limited number of observations is called:	A. logic B. proposition C. induction D. deduction
2	A statement which is true for all possible values of the variables involved in it, is called a:	A. tautology B. conditional C. implication D. absurdity
3	A compound statement of the form "if p then q" is called an:	A. tautology B. conditional C. consequent D. absurdity
4	The number of subsets of a set having three elements is:	A. 2 B. 3 C. 4 D. 8
5	If $n(S) = 3$ then $n\{P(S)\} =$	A. 2 B. 8 C. 16 D. 4
6	Question Image	A. A B. B
7	Question Image	A. B B. A D. none of these
8	$B - A$ is a subset of:	A. A B. B
9	$A - B$ is a subset of:	A. A B. B
10	Question Image	A. A B. B
11	Question Image	A. A B. B
12	Question Image	A. A and B are power sets B. A and B are disjoint sets C. A and B are super sets D. A and B are equal sets
13	If set $A = \{1, 2, 3\}$ and $B = \{1, 2, 3\}$ then sets A and B are:	A. not equal B. equal C. disjoint D. overlapping
14	If two sets have no element common, they are called:	A. disjoint B. over lapping C. dissimilar D. exhaustive
15	$\{2, 4, 6, 8, \dots\}$ represents the set of:	A. positive odd numbers B. natural numbers C. prime numbers D. positive even numbers
16	If $A = \{1, 2, 7, 9\}$, $B = \{1, 4, 7, 11\}$:	A. disjoints sets B. equal sets C. overlapping sets D. complementary sets
17	A set containing finite number of elements is called:	A. nullset B. superset C. finiteset D. infinitieset

18	A set having no element is called:	<div>A. null set B. subset C. singleton D. superset</div>
19	<div>Question Image</div>	<div>A. a is an element of a set A B. a is subset of A C. a is a whole number D. a contains A</div>
20	<div>Question Image</div>	<div>A. set builder notation B. tabular form C. descriptive method D. non-set builder method</div>