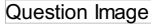


11th Class FA Mathematics Chapter 2 Online Test

Sr	Questions	Answers Choice
1	Question Image	A. set builder notation B. tabular form C. descriptive method D. non-set builder method
2	Question Image	
3	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
4	Question Image	A. p is false and q is true B. both p and q are false C. p is true and q is false D. both p and q are true
5	If $(x - 2, 2) = (3, 2)$, then:	A. $x = 5$ B. $x = 2$ C. $x = -5$ D. $x = 3$
6	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
7	$S = \{1, -1, 2, -2\}$ is a group under:	A. multiplication B. subtraction C. addition D. none of these
8	A set is defined as:	A. collection of some objects B. well defined collection of some objects C. well defined collection of distinct objects D. none of these
9	Question Image	A. A is superset of B B. B is superset of A C. A is subset of B D. A is equivalent to B
10	Question Image	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
11	A set having no element is called:	A. null set B. subset C. singleton D. superset
12	The ordered pairs (4, 5) and (5, 4) are:	A. same B. different C. both a and b D. N
13	Question Image	
14	The correct order of first ionization energies is.	A. $\text{F} > \text{He} > \text{Mg} > \text{N} > \text{O}$ B. $\text{He} > \text{F} > \text{N} > \text{O} > \text{Mg}$ C. $\text{He} > \text{O} > \text{F} > \text{N}$ D. $\text{N} > \text{F} > \text{He} > \text{O} > \text{Mg}$
15	A compound statement of the form "if p then q" is called an:	A. tautology B. conditional C. consequent D. absurdity
16	Question Image	

17		A. {1, 2, 3} B. {5, 6, 7} C. {4}
18	A groupoid (S) is called _____ if it is associative in S:	A. group B. abelian-group C. semi-group D. associative-group
19		A. A B. B
20	The conjunction of two statements p and q is denoted by:	