

Mathematics Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	The order of a matrix is shown by:	B. number of columns + number of rows C. number of rows \times number of columns D. number of columns - number of rows
2	Question Image	A. 2 B. 4 C. 6 D. 8
3	If $(x - 2, 2) = (3, 2)$, then:	A. $x = 5$ B. $x = 2$ C. $x = -5$ D. $x = 3$
4	The identity element in a group is:	A. unique B. infinite C. both a and b D. not possible
5	Inverse of an element in a group is:	A. infinite B. finite C. unique D. not possible
6	A groupoid (S) is called _____ if it is associative in S:	A. group B. abelian-group C. semi-group D. associative-group
7	The ordered pairs (4, 5) and (5, 4) are:	A. same B. different C. both a and b D. N
8	The disjunction of two statements p and q is denoted by:	
9	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
10	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
11	The conjunction of two statements p and q is denoted by:	
12	Question Image	
13	Question Image	
14	Truth table containing all the values true is called:	A. absurdity B. conjunction C. tautology D. none
15	Question Image	
16	Question Image	
17	Question Image	
18	A biconditional is written in symbols as:	
19	A declarative statement which is either true or false but not both is called:	A. logic B. proposition C. induction D. deduction
		A. logic

- A. hypothesis
 - B. proposition
 - C. induction
 - D. deduction
-