

11th Class FSC Mathematics Chapter 3 Test Online

Sr	Questions	Answers Choice
1	Question Image	A. 1 B. -5 C. -1 D. none
2	Minors and co-factors of the elements in a determinant are equal in magnitude but they may differ in:	A. order B. position C. sign D. symmetry
3	If $AB = BA = I$, then A and B are:	A. equal to each other B. multiplicative inverse of each other C. additive inverse of each other D. both singular
4	A^{-1} exists if A is:	A. singular B. nonsingular C. symmetric D. none
5	Question Image	A. zero B. non-singular C. singular D. none of these
6	If A is non singular matrix then A^t is:	A. singular B. nonsingular C. symmetric D. none
7	Question Image	A. $ab - cd = 0$ B. $ac - bd = 0$ C. $ad - bc = 1$ D. $ad - bc = 0$
8	Question Image	D. diagonal matrix
9	If A and B are two matrices, then:	A. $AB = O$ B. $AB = BA$ C. $AB = I$ D. AB may not be defined
10	If A is a square matrix, then $A - A^t$ is:	
11	If A is a square matrix, then $A + A^t$ is:	
12	Question Image	A. 3×2 B. 2×3 C. 2×2 D. 3×3
13	Question Image	A. $3 \times 1 <![if gte msEquation 12]><m:math><![endif]><![endif]><![endif]>$ B. 1×3 C. 3×3 D. 2×2

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- B. 1×3
C. 3×3
D. 1×1
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- 14 If A is a matrix of order $m \times n$ and B is a matrix of order $n \times p$ then the order of AB is:
- A. $p \times m$
B. $p \times n$
C. $n \times p$
D. $m \times p$
-
- 15 If the matrices A & B have the orders 2×3 and 5×2 then order BA is:
- A. 3×5
B. 5×2
C. 2×2
D. none
-
- 16 Two matrices X and Y are equal if and only if:
- A. X and Y are of same order
B. Their corresponding elements are equal
C. Both a and b
D. None of these
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- 17 A matrix in which each element is 0 is called:
- 18 Question Image
- A. singular
B. non-singular
C. rectangular
D. null
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- 19 Question Image
- B. diagonal matrix
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- 20 Question Image
- D. None