

11th Class FA Mathematics Chapter 3 Online Test

Sr	Questions	Answers Choice
1	Question Image	
2	[0] is a:	
3	Question Image	A. 3×3 B. 3×2 C. 2×1 D. 2×3
4	For a square matrix A, A equals:	A. A ^t B. A ^t C A ^t DA ^t
5	Question Image	
6	Question Image	A. zero B. non-singular C. singular D. none of these
7	If any two rows of a square matrix are interchanged, the determinant of the resulting matrix:	A. is zero B. is multiplicative inverse of the determinant of the original matrix C. is additive inverse of the determinant the original matrix D. none of these
8	Question Image	A. singular B. non-singular C. rectangular D. null
9	The additive inverse of a matrix A is:	A. A B. A ⁻¹ C A D. A ²
10	Question Image	A. scalar matrix B. diagonalmatrix C. lower triangularmatrix D. upper triangularmatrix
11	If A is non singular matrix then A ^t is:	A. singular B. nonsingular C. symmetric D. none
12	Question Image	A. 5 B5 C4 D. 4
13	If A is a matrix of order m × n, then the number of elements in each row of A is:	A. m B. n C. m + n D. m - n
14	Question Image	A. 1 B5 C1 D. none
15	Question Image	D. None
16	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
17	If A = [aij] and B = [bij] are two matrices of same order $r \times s$, then order of A - B is:	A. r - s B. r × s C. r + s D. none of these

18	A matrix in which each element is 0 is called:	
19	Question Image	A. ab - cd = 0 B. ac - bd = 0 C. ad - bc = 1 D. ad - bc = 0
20	Question Image	A. 40 B40 C. 26 D26