

11th Class ICS Mathematics Chapter 3 Test Online

Sr	Questions	Answers Choice
1	If A is non singular matrix then A^t is:	A. singular B. nonsingular C. symmetric D. none
2	Question Image	D. None
3	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
4	Question Image	A. 40 B. -40 C. 26 D. -26
5	Question Image	D. diagonal matrix
6	A^{-1} exists if A is:	A. singular B. nonsingular C. symmetric D. none
7	Question Image	A. 3×3 B. 3×2 C. 2×1 D. 2×3
8	If A is a square matrix, then:	A. $ A^{^t} = A$ B. $ A^{^t} = -A$ C. $ A^{^t} = A $ D. $A^{^t} = A$
9	If a matrix A is symmetric as well as skew symmetric, then:	A. A is null matrix B. A is unit matrix C. A is triangular matrix D. A is diagonal matrix
10	Question Image	A. zero B. non-singular C. singular D. none of these
11	If $A = [a_{ij}]$ and $B = [b_{ij}]$ are two matrices of same order $r \times s$, then order of $A - B$ is:	A. $r - s$ B. $r \times s$ C. $r + s$ D. none of these
12	A matrix in which each element is 0 is called:	
13	If A is a square matrix, then $A - A^t$ is:	
14	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
15	If A is a square matrix, then $A + A^t$ is:	
16	If A is a square matrix order 3×3 the $ kA $ equals:	A. $k A $ B. $k^{²} A $ C. $k^{³} A $ D. $k^{⁴} A $
17	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
18	Question Image	A. scalar matrix B. diagonal matrix C. triangular matrix

D. none of these

19

Question Image

- A. 5
- B. -5
- C. -4
- D. 4

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Question Image

- A. scalar matrix
- B. diagonalmatrix
- C. lower triangularmatrix
- D. upper triangularmatrix