

Linear Equations And Inequalities

Sr	Questions	Answers Choice
1	Which of the following is a column matrix?	
2	If $A^t = -A$ then matrix A is called a:	A. symmetric matrix B. skew - symmetric matrix C. transpose of matrix D. identity matrix
3	If two matrices have same order and their corresponding elements are equal then they are called:	A. equal matrices B. unequal matrices C. scalar matrices D. rectangular matrices
4	The symbol ">" stand for:	A. greater than B. less than C. less than or equal to D. greater than and equal to
5	If a order of matrix A is $(m \times p)$ and order of matrix B is $(p \times n)$. Then order of matrix AB is:	A. $m \times p$ B. $p \times n$ C. $m \times n$ D. $n \times n$
6	Two matrices are conformable for addition if they are of the:	A. same order B. different order C. order 2×2 D. order 3×3
7	<input type="text" value="Question Image"/>	A. 2-By -1 B. 1-By-2 C. 3-By-2 D. 3-by-1
8	Which matrix is said to be additive identity of any matrix:	A. scalar matrix B. diagonal matrix C. zero matrix D. unit matrix
9	<input type="text" value="Question Image"/>	A. $uv-yx$ B. $vx - uv$ C. $uy - vx$ D. 0
10	Which matrix has no multiplicative inverse?	A. unit matrix B. singular matrix C. non - singular matrix D. diagonal matrix
11	A matrix consisting of only one row is called a:	A. row matrix B. column matrix C. scalar matrix D. rectangular matrix
12	A square matrix in which all the element except at least one element in the diagonal are zero is called a:	A. rectangular matrix B. zero matrix C. square matrix D. diagonal matrix
13	The idea of matrices was introduced by:	A. jobs burgi B. Robert C. Pythagoras D. Arthur Cayley
14	$(AB)^t = ?$	A. $A^t + B^t$ B. $A^t B^t$ C. $B^t A^t$ D. AB
15	A square or a rectangular array of numbers written within square brackets or parentheses in a definite order is called a:	A. determinate B. diagonal C. matrix D. row