

## Linear Equations And Inequalities

Sr	Questions	Answers Choice
1	IF At = -A then matrix A is called a:	A. symmetric matrix B. skew - symmetric matrix C. transpose of matrix D. identity matrix
2	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
3	Which matrix is said to be additive identity of any matrix:	A. scalar matrix B. diagonal matrix C. zero matrix D. unit matrix
4	Two matrices are conformable for addition if they are of the:	A. same order B. different order C. order 2 x 2 D. order 3 x 3
5	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
6	Which of the following is a column matrix?	
7	The symbol ">" stand for:	A. greater than B. less than C. less than or equal to D. greater than and equal to
8	A matrix consisting of only one row is called a:	A. row matrix B. column matrix C. scalar matrix D. rectangular matrix
9	Question Image	A. 2-By -1 B. 1-By-2 C. 3-By-2 D. 3-by-1
10	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
11	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. mxp B. pxn C. mxn D. nxn
12	(AB)t = ?	A. At + Bt B. AtBt C. BtAt D. AB
13	The idea of matrices was introduced by:	A. jobs burgi B. Robert C. Pythagoras D. Arthur Cayley
14	Question Image	A. uv-yx B. vx - uv C. uy - vx D. 0
15	Which matrix has no multiplicative inverse?	A. unit matrix B. singular matrix C. non - singular matrix D. diagonal matrix