

Linear Equations And Inequalities

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