

Quiz-16

Q.1 If number of pivot elements in the echelon form of a matrix is 3 then what is the rank of the matrix.

- (A) 1 (B) 2 (C) 3 (D) 4

Q.2 If A is a nonzero matrix of order 3 by 4 then the possible ranks of the matrix are _____.

- (A) 2,3,4 (B) 1,2,3 (C) 2,3,5 (D) 0,2,3

Q.3 What is rank of the matrix $A = \begin{bmatrix} 1 & 2 & 3 \end{bmatrix}$?

- (A) 0 (B) 1 (C) 2 (D) 3

Q.4 What is rank of the matrix $A = \begin{bmatrix} 1 & 2 & 2 \\ 2 & 4 & 5 \end{bmatrix}$?

- (A) 0 (B) 1 (C) 2 (D) 3

Q.5 What is rank of the matrix $A = \begin{bmatrix} 1 & 3 & 3 & 2 \\ 2 & 6 & 9 & 7 \\ -1 & -3 & 3 & 4 \end{bmatrix}$?

- (A) 0 (B) 1 (C) 2 (D) 3