Quiz-9

Q.1 What is the column space of the matrix A=$\begin{bmatrix} 1 & 2 \\ 0 & 0 \end{bmatrix}$?

(A) y=x line (B) x-axis (C) y-axis (D) none of these

Q.2 What is the column space of the matrix A=$\begin{bmatrix} 1 & 3 \\ 3 & 9 \end{bmatrix}$?

(A) y=x line (B) y=2x line (C) y=3x line (D) none of these

Q.3 What is the column space of the matrix A=$\begin{bmatrix} 0 & 0 \\ 2 & 4 \end{bmatrix}$?

(A) x-axis (B) y-axis (C) y=x line (D) none of these

Q.4 What is the column space of the matrix A=$\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$?

(A) R^2 (B) y=x line (C) x-axis (D) y-axis

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

(A) R^2 (B) R^3 (C) y=2x line (D) y=3x line