Quiz-18

Q.1 Write the subpspace of R^2 spanned by the vectors (2,3) and (4,6).

(A) R^2 (B) a line passing through origin (C) both A and B (D) none of these

Q.2 Write the subpspace of R^2 spanned by the vectors (1,2) and (2,1).

(A) R^2 (B) a line passing through origin (C) both A and B (D) none of these

Q.3 The subpspace of R^2 spanned by the vectors (1,2), (2,1) and (1,1) is _____.

(A) R^2 (B) a line passing through origin (C) both A and B (D) none of these

Q.4 The subpspace of R^2 spanned by the vector (1,2) is _____.

(A) R^2 (B) a line passing through origin (C) both A and B (D) none of these

Q.5 The subpspace of R^3 spanned by the vectors (1,2,3), (2,4,6) and (1,1,1) is _____.

(A) R^3 (B) a plane passing through origin (C) a line passing through origin (D) none of these

Q.6 Write the subpspace of R^3 spanned by the vectors (2,1,1) (1,2,1) and (1,1,2).

(A) R^3 (B) a plane passing through origin (C) a line passing through origin (D) none of these

Q.7 The subpspace of R^3 spanned by the vectors (2,1,1) and (1,2,1) is _____.

(A) R^3 (B) a plane passing through origin (C) a line passing through origin (D) none of these

Q.8 The subpspace of R^3 spanned by the vectors (2,1,1) and (4,2,2) is _____.

(A) R^3 (B) a plane passing through origin (C) a line passing through origin (D) none of these

Q.9 The subpspace of R^3 spanned by the vector (2,1,1) is _____.

(A) R^3 (B) a plane passing through origin (C) a line passing through origin (D) none of these