Quiz-11

Q.1 If A is a nonsingular matrix of order 2 then the column space of A is _____.

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

Q.2 If A is a nonzero singular matrix of order 2 then the column space of A is _____.

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

Q.3 If A is a zero matrix of order 3 then the column space of A is _____.

(A) R^2 (B) R^3 (C) {(0,0,0)} (D) none of these

Q.4 If A is a nonsingular matrix of order 3 then the column space of A is _____.

(A) R^2 (B) R^3 (C) {(0,0,0)} (D) none of these

Q.5 If A is a matrix of order 2 by 3 then the C(A) is a subspace of _____.

(A) R^2 (B) R^3 (C) R (D) none of these