

### **Quiz-19**

Q.1 Is the set  $\{(1,2), (2,1)\}$  a basis of  $\mathbb{R}^2$ ?

(A) Yes    (B) No    (C) Cannot be said    (D) none of these

Q.2 Is the set  $\{(1,2), (2,4)\}$  a basis of  $\mathbb{R}^2$ ?

(A) Yes    (B) No    (C) Cannot be said    (D) none of these

Q.3 Is the set  $\{(1,0), (0,1), (1,1)\}$  a basis of  $\mathbb{R}^2$ ?

(A) Yes    (B) No    (C) Cannot be said    (D) none of these

Q.4 Is the set  $\{(2,1,1), (1,2,1), (1,1,2)\}$  a basis of  $\mathbb{R}^3$ ?

(A) Yes    (B) No    (C) Cannot be said    (D) none of these

Q.5 Is the set  $\{(2,1,1), (1,2,1), (1,1,2), (1,1,1)\}$  a basis of  $\mathbb{R}^3$ ?

(A) Yes    (B) No    (C) Cannot be said    (D) none of these

Q.6 Is the set  $\{(2,1,1), (1,2,1)\}$  a basis of  $\mathbb{R}^3$ ?

(A) Yes    (B) No    (C) Cannot be said    (D) none of these