

INTRODUCTION TO THREE DIMENSIONAL GEOMETRY**COORDINATES OF A POINT IN SPACE****EXERCISE**

Q.1 The point $(4,0,0)$ lie on _____.

- (a) X-aixs (b) Y-aixs (c) Z-aixs (d) Y-Z plane

Q.2 The point $(4, 2, 0)$ lie on _____.

- (a) X – Y plane (c) Y – Z plane (c) X – Z plane (d) X – axis

Q.3 In which octant does the point $(-1, -5, -7)$ lies?

Q.4 In which octant does the point $(-1, 2, 6)$ lies?

Q5 Find the octant in which the points $(-3, 2, 1)$ and $(-4, 6, -5)$ lie.

ANSWER KEY

1. (a) X-aixs
2. (a) X – Y plane
3. 7th octant
4. 2th octant
5. the points $(-3, 2, 1)$ lies in 2nd octant and $(-4, 6, -5)$ lie in 4th octant.