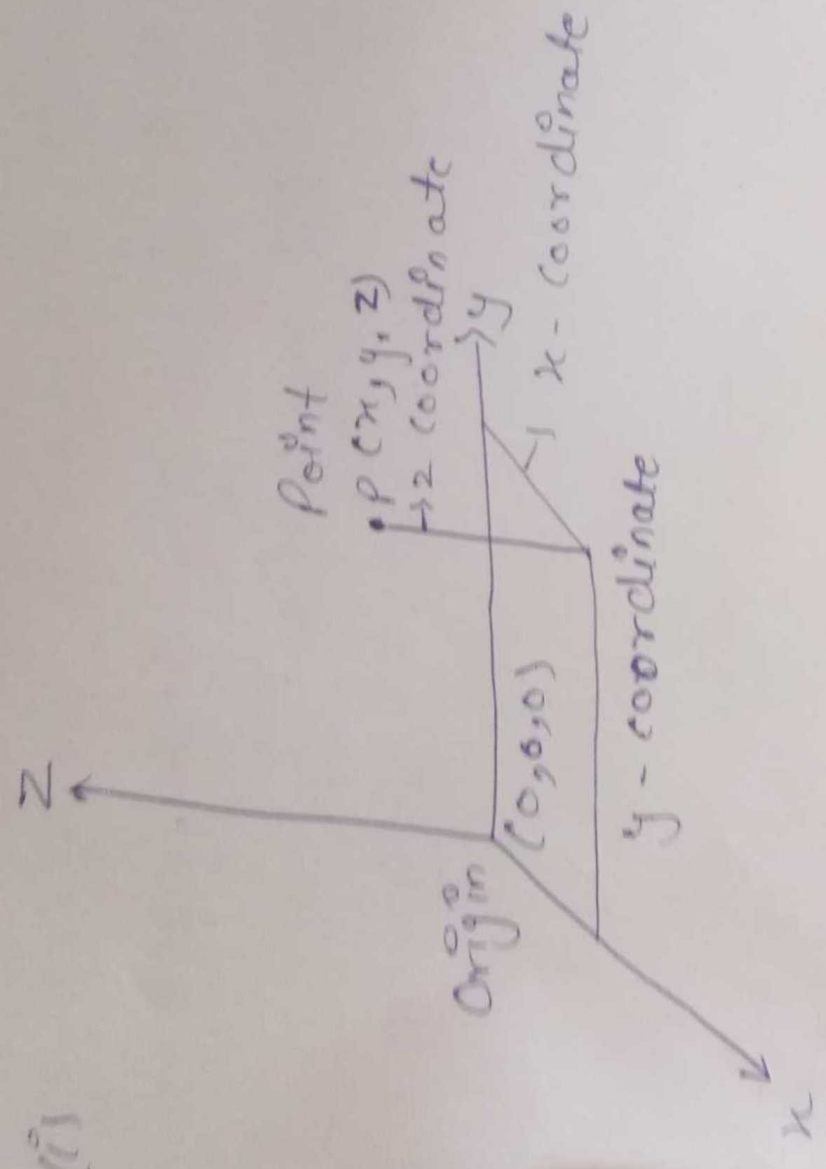


$$x^2 + y^2 + z^2 = 0$$

Sol^m 4:-
(i)



In 3 Dimensions, the coordinate axes of the rectangular coordinate system are three mutually perpendicular lines. The axes are called x-axis, y-axis and z-axis.

(ii) Defant :- An arc of a circle equal to one eighth of its circumference, or the area enclosed by such an arc with two radii of the circle.

- Each of eight parts into which a sphere or solid body is divided by three planes which intersect especially at right angles at a single point.

- An obsolete instrument in the form of graduated eighth of a circle, used in astronomy and navigation.