Qu.4 Define.

(i) Coordinate Axes :-

Ans:- A Cartesian coordinate system is a coordinate system that specifies each point uniquely in a plane by a set of numerical coordinates, which are the signed distance to the point from two fixed perpendicular, oriented lines, measured in the same unit of length.

(ii) Octants :-

An octant in solid geometry is one of the eight divisions of a Euclidean three-dimensional coordinate system defined by the signs of the coordinates. It is similar to the two-dimensional quadrant and the one-dimensional ray. The generalization of an octant is called orthant.