- ${\bf Q}^{05}$  . What is the angle between the equatorial plane and the orbital plane of
- (a) polar satellite?
- (b) geostationary satellite?

**Sol:** According to the diagram where the plane of the geostationary and polar satellite are shown.

- (a) The angle between the equatorial plane and orbital plane of a polar satellite is 90°.
- (b) The angle between the equatorial plane and the orbital plane of a geostationary satellite is 0°.