

Max. Marks : 80

P.T.O

6. a) Write short note on 8
i) Medium Earth Orbit (MEO) satellites
ii) Orbital Slots
- b) Write a short note on Kepler's Laws for satellite communication. 8
7. a) Write short note on- 8
i) Geo-synchronous Earth Orbit (GEO) satellites
ii) Low Earth Orbit (LEO) satellites
- b) Write short note on- 8
i) Azimuth Angle of satellite
ii) Orbital Perturbations

OR

8. a) i) Explain the method of Spinning the satellite. 8
ii) Explain in brief about ELV and RLV used for launching satellites.
- b) Explain- 8
i) Satellite Power System
ii) TTCM Subsystem
9. a) List the three types of multiple access techniques. Explain any one in detail. 8
- b) Explain types of Transponders. 8

OR

10. a) Explain the Link budget calculations for Uplink phenomena. 8
- b) Receive Only Home TV System. 8
