

OR

- 8 a. With uplink section of satellite TV networks, explain a typical satellite system. (10 Marks)
b. Give classification of different types of transponders and discuss any one with the help of figure in communication satellite. (10 Marks)

Module-5

- 9 a. Define Remote Sensing. What is its classification? Explain optical remote sensing system based on their spectral regions for data acquisition, in detail. (10 Marks)
b. Discuss about types of images from weather forecasting satellites. (10 Marks)

OR

- 10 a. Explain principle of operation of GPS system, with relevant figures. (10 Marks)
b. Write short notes on:
(i) Thermal Infrared Remote Sensing Systems
(ii) Applications of Satellite Navigation Systems (10 Marks)
