

Advanced Communication System

Important 10mark questions

Unit I

1. Draw the block diagram of basic pulsed RADAR system and explain.
2. Draw and explain cylindrical scanning used in FAX communication system.

Unit II

1. Explain any three characteristics of data transmission circuits.
2. Explain with neat block diagram the working of PSK modulator.

Unit III

1. Briefly explain the different types of optical fiber.
2. Explain fiber optic receiver with diagram.

Unit IV

1. Explain about geostationary synchronous satellites. State its advantages and disadvantages.
2. With neat diagram explain microwave link repeater.

Unit V

1. Explain GSM architecture with neat diagram.
2. Explain how hand-off takes place with neat diagram in four steps.