

Q-2 Answer in short. (Any SEVEN)

1. What are the three different forms of a signaling?
2. Explain busy hour traffic.
3. What do u meant by decoder-marker?
4. Define : Call charging and Call priority
5. Give the difference between single stage and multistage network.
6. Explain synchronous duplex mode of operation.
7. Explain Busy hour and peak busy hour.
8. What are points for handling the overflow traffic?
9. Enlist three models of loss system.

- Q-3 (a)** Give the classification of switching system in detail. (6)
(b) Write a short note on: Signaling tones. (6)

OR

- (b)** Explain Strowger switching component in detail. (6)

- Q-4 (a)** Explain block diagram of common control switching system. (6)
(b) Explain principle of crossbar switching. (6)

OR

- (b)** Give the complete notation on Cross point technology. (6)

- Q-5 (a)** Explain centralized SPC in (i) standby mode (ii) Synchronous duplex mode. (6)
(b) Explain time multiplexed time switching in detail. (6)

OR

- (b)** Write short note on Distributed SPC. (6)

- Q-6 (a)** Explain Blocking models and loss estimates in detail. (6)
(b) Explain Incoming Traffic and Service Time Characterization with diagram. (6)

OR

- (b)** Write a short note on Switching Hierarchy and Routing. (6)
