

MCS (EE final year)

Note - Attempt any five questions. —

Q-1

- (a) Discuss the Electronic exchange.
- (b) Discuss the internet services.

Q-2 (a) Difference between OSI & TCP/IP.

- (b) Explain scattering losses in detail.

Q-3 (a) Explain the ISDN services.

- (b) Write short notes on - (i) DTH (ii) GSM

Q-4 (a) Difference between LED & PIN diode.

- (b) Explain the component used in satellite commⁿ.

Q-5 (a) If the 7 bit Hamming Code word received by a receiver is 1011011. Assuming the even parity state whether the received code word is correct or wrong. If wrong locate the bit in error.

- (b) Compare the ASK, FSK and PSK.

Q-6 (a) Explain the GPRS in detail.

- (b) Write short notes on - (i) Delta modulation.
(ii) internet devices.