

S.B Roll No. _____

COMMUNICATION SYSTEM-II (0614/0561/6801)
5TH Semester Exam/ECE/EMP/ETV/ECEII/May,2015

Duration:3hrs

M.Marks 75

SECTION-A (Attempt all questions)

(1.5x10)

1. EPBAX stands for _____.
2. Parity check code can detect _____ bit error.
3. In half duplex mode the data can be transmitted in _____ way.
4. EBCDIC stands for _____.
5. Echo suppressors are used _____.
6. MODEM is used to _____ and _____ the signal.
7. Data transmission speed of serial transmission is _____ than parallel transmission line.
8. Telemetry may be defined as _____.
9. Local loops are defined as _____.
10. FTTC stands for _____.

SECTION-B (Attempt any five)

(5x6)

1. Explain basic block diagram of digital and data communication.
2. Explain need and function of UART in communication system.
3. Write a note on Modem Interfacing (RS-232).
4. Explain TDM telemetry system.
5. Describe the principle of space division switching.
6. Explain PBX system.
7. Write a note on i) bandwidth, ii) noise for data communication circuits.
8. Explain operation and block diagram of modern FAX system.

SECTION- C (Attempt any three)

(3x10)

1. Discuss VRC. How hamming code is used to detect and correct the error? Explain with the help of an example.
2. Explain working of digital exchange. Give its advantage.
3. Write a note on i) SPC ii) CRC
4. Write a note on i) typical telephone network ii) QPSK.
5. Explain ASK and FSK modulation technique and compare them.