S.B. Roll No...

COMUNICATION SYSTEM-II
5TH ECE/ETV/ ECEII/0614/0561/6801/May'17

Duration: 3 Hrs   **M. Marks : 75**

SECTION –A

Q1. Do as directed: **10x1.5=15**

    a. MODEM is combination of _____and _____.

    b. PBX stands for _____.

    c. Attenuation is expressed in _____.

    d. Major disadvantage of FSK is its _____.

    e. The primary advantage of digital communication over analog communication is _____.

    f. ASCII is _____ bit code.

    g. EBCDIC stands for _____.

    h. Define Nyquist theorem.

    i. UART stands for _____.

    j. Bit rate = _____.

SECTION –B

Q2. Attempt any five Questions.   **5x6=30**

    i. What are the advantages of digital communication system?

    ii. Draw and explain the block diagram of data communication system.

    iii. List the important applications of modern FAX machine.

    iv. Explain CRC in brief.

    v. What are different transmission modes? Explain.

    vi. What is radio telemetry? Explain.

    vii. Write the features of private automatic branch exchange (PABX).

    viii. What is modem? Explain its operation in brief.

SECTION-C

Q3. Attempt any three Questions.   **3x10=30**

    i. What is facsimile communication? list down its applications.

    ii. With the help of block diagram explain digital exchange.

    iii. Draw and explain UART.

    iv. What is the principle of ASK? Explain its generation and detection.

    v. Write short note on any two:

        (a) CRC   (b) TDM   (c) Echo suppressors.