

S.B. Roll No.....

DIGITAL COMMUNICATION
5th Exam/ECE/2618/Jan'2022
(For 2018 Batch onwards)

Duration: 1.15Hrs.

M.Marks:25

SECTION-A

Q1. Attempt any three questions.

3x5=15

- i. What are the possible causes of error in Communication network?
- ii. Explain the generation of PSK.
- iii. Explain Space Division Switching.
- iv. List some features of Modem.
- v. What is the difference between 7 bit ASCII and EBCDIC code?
- vi. Compare ASK, FSK and PSK.
- vii. Explain echo suppressors.

SECTION-B

Q2. Attempt any one question.

1x10=10

- a. Discuss Coherent and Non-Coherent detection of ASK.
- b. Draw and explain the block diagram of Digital communication system.
- c. Define Modem. Classify and explain them on the basis of speed.
- d. Explain Simplex, Half duplex and Full duplex mode of Communication.