

S.B. Roll No.....

AUDIO VIDEO SYSTEMS
5th Exam/ECE/2615/Feb'2021
(For 2018 Batch onwards)

Duration: 1.15Hrs.

M.Marks:25

SECTION-A

Q1. Attempt any three questions.

3x5=15

- i. Explain the Process of Digital Audio Processing.
- ii. What is DTH? How does it work?
- iii. Explain the construction and working of moving coil microphone with the help of diagram.
- iv. Differentiate between plasma TV and LCD TV.
- v. List the requirements of Ideal loudspeaker
- vi. What is interlaced scanning? Discuss in brief.
- vii. What is the need for compression?

SECTION-B

Q2. Attempt any one question.

1x10=10

- a. Explain the principle, construction, working, features, advantages, disadvantages of Moving coil Loudspeaker.
- b. Explain the following: i) CCTV ii) MPEG-x format
- c. Explain working of Camera Tube.
- d. Explain with diagram the working of basic TV communication system.
- e. Write a short note on i) NTSC ii) PAL iii) SECAM