**Rajasthan Institute of Engineering & Technology, Jaipur.**

**Department of Computer Engineering**

**I / II Mid Term examination**

**SET A**

**Session: 2018-19**

**V Sem. Computer Engineering**

**Telecommunication Engineering Fundamentals, 5CS3A**

Time: 2 hrs. M.M.:20

**Instruction for students:**

1. No provision for supplementary answer book.

Q.1 Outline the basic aspects of transmission in the following cases with suitable example:

1. Analog Data, Analog Transmission
2. Analog Data, Digital Transmission
3. Digital Data, Analog Transmission
4. Digital Data, Digital Transmission

Or

Q.1 Give a brief overview of different types of Transmission Impairments.

Q.2 Compare and Contrast between Terrestrial and Satellite Microwave Communication.

Or

Q.2 Explain in brief, the HDLC Frame Format.

Q.3 Give a brief overview of the different types of Transmission Media used for Guided Transmission.

Or

Q.3 Give a brief overview of One and Two Dimensional Parity check technique for Error Detection.

Q.4 Compare and contrast between “Stop and Wait” and “Sliding Window Flow Control”.

Or

Q.4 Given a message M = 1010001101, P = 110101, illustrate the process to derive FCS.