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

**II Mid Term examination**

**Session: 2017-18**

**VI SEM Computer Engineering**

**COMPUTER NETEORKS**

**SET- A**

Time: 2 hrs. M.M.:20

**Instruction for students:**

No provision for supplementary answer book.

Q.1 Explain the Query Flooding technique in context of P2P file sharing.

OR

Q1Give a microscopic description of TCP throughout outlining the significance of the Transmisssion Window.

Q2 .Give a brief overview of TCP flow control

OR

Q2. Explain how Fast retransmit can be accomplished in conjunction of Flow Control.

Q3 Derive the mathematical model for the derivation of Estimation of Round Trip Time (RTT)

OR

Q3 Give a brief overview of Domain Name Service, outlining the basic packet structure and underlying protocols.

Q4. Outline the significance of Network security and the motivation to develop enhanced security techniques.

OR

Q.4.Write Short Notes on

1. EWMA Technique for Estimation of RTT
2. TCP Connection Establishment and Release
3. World Wide Web and HTTP.