

Govt Women Engg College, Ajmer
MODEL QUESTION PAPER – B.TECH V SEM IT (2017)
SUBJECT NAME: TELECOMMUNICATION FUNDAMENTALS

Q1. Draw and Explain Layered Architecture of OSI Model.

OR

Q1. What are the different Transmission Impairments in Wireless Transmission (Explain Each)

Q2. Define Sliding Window and Explain Go back N protocol.

OR

Q2. Generate the CRC code for message 100100, Given pattern $p(x) = x^3 + x^2 + 1$. Find whether message is accepted or rejected at receiver.

Q3. Draw and Explain Frame Structure of HDLC and PPP.

OR

Q3. What is Hidden Node and Exposed Node Problem and How this problem is solved using MACA.

Q4. Define Bluetooth and Discuss Architecture and Layer Architecture of Bluetooth

OR

Q4. Define Switching and Explain Circuit and Packet Switching.

Q5. What is Spread Spectrum Technique and Differentiate DSSS and FHSS.

OR

Q5. Write the short note ;

a) CDMA

b) Handoff