

Mechi Multiple Campus

Assessment -1-2 and 3 Part 1

1. Describe OSI reference model.
2. Describe TCP/IP model.
3. Describe with appropriate diagram.
 - a. Local Area Network (LAN)
 - b. Wide Area Network (WAN)
4. Explain optical fiber.
5. What is guided and unguided media? Explain its types.
6. What is multiplexing? Mention its type and explain.
7. Describe Telephone network, Cable TV network and mobile network.
8. What is error? Explain the type of error.
9. Define Checksum. Write the steps to solve the error detection. Also evaluate with the following bits 101111011100110
10. Define the data link layer. Write the function of data link layer. Explain framing, flow control and Error control.
11. Explain Transmission Impairment in depth.
12. Define 4 networking devices
13. Define Data and Signal.