Assignment-1

Subject / Subject Code	Semester / Branch	Issue Date	Due Date
CN-01CE0410	4th– C.E(FOT)	5TH FEB 2024	4TH MARCH 2024

Question No.	Questions / Instructions
1	What is Computer Network? Explain the types of networks.
2	Define different types of delay.
3	Draw and explain layer architecture of the TCP/IP reference model.
4	Draw a layer architecture of the OSI reference model and write at least two services provided by each layer of the model.
5	Differentiate between LAN and WAN.
6	Explain the working of Packet switched and circuit switched network.
7	What is HTTP? Differentiate its persistent and non-persistent types with request response behavior of http.
8	Explain the working of electronic mail protocols SMTP, IMAP and POP3 in brief with suitable diagram.
9	Write short on DNS.
10	Draw and explain TCP header.
11	Explain the concept of Connection Establishment and Connection Termination.
12	Discuss Go-back-N ARQ and Selective Repeat ARQ.
13	Write short note on: rdt 2.0 model

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