III/IV B.TECH SEC-A & SEC-B

Assignment -1 Questions

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| S.No | Question |
| 1 | “Computer networks are useful for real time applications”, Justify |
| 2 | Describe in brief the design issues for the layers |
| 3 | Explain in detail about OSI Reference Model with neat sketch |
| 4 | Differentiate a circuit-switched network with a packet-switched network with an example |
| 5 | List and explain different types of networks based upon scale. |
| 6 | **a.**Compare OSI and TCP/IP reference models  **b.**“The primitives tell the service to perform some action or report on an action taken by a peer entity”. Explain this statement with a simple client-server scenario in a connection oriented service  **c.**Two networks each provide reliable connection oriented service .One of them offers a reliable byte stream and the other offers a reliable message stream .Are these identical? If so why is the distinction made? If not give an example of how they differ |