

BACHELOR OF TECHNOLOGY (CBCS) (2021-COURSE)
B. Tech. Sem - V CS&E-A&M : WINTER : 2024
SUBJECT: COMPUTER NETWORKS

Day : Monday
Date : 02/12/2024

W-23960-2024

Time : 02:30 PM-05:30 PM
Max. Marks : 60

N.B

- 1) All questions are COMPULSORY.
- 2) Figures to the right indicates FULL marks.
- 3) Use to the non-programmable CALCULATOR is allowed.
- 4) Assume suitable data WHEREVER necessary.

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- Q1. Describe Peer-to-Peer Network Architecture with its advantages and disadvantages. (10)
OR
Explain Software-Defined Network (SDN). (10)
- Q2. Explain Error Detection and Correction. (10)
OR
Explain the concept of Multiple Access Protocols. (10)
- Q3. Explain Reverse Address Resolution Protocol (RARP). (10)
OR
Explain Internet Protocol and IP Address Classes. (10)
- Q4. Describe the concept of Multiplexing (10)
OR
Describe the Elements of Transport Protocols. (10)
- Q5. Determine Dynamic Host Control Protocol (DHCP) (10)
OR
Explain Firewalls. (10)
- Q6. Give technical note on Bluetooth Technology. (10)
OR
Explain Network Security in Electronic mail. (10)