

- 3** Answer the following : (any **three**) **24**
- (1) Explain the bus type topology and ring type topology networks. Compare their performance.
 - (2) Explain frame structure of IEEE 802.3.
 - (3) Explain public key and private key algorithm.
 - (4) Discuss how multiplexing and demultiplexing is done in the transport layer.
- 4** Write notes on : (any **three**) **15**
- (1) Firewall
 - (2) RSA
 - (3) TCP and UDP
 - (4) LAN.
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