



- (b) List the static and dynamic routing algorithms. Write a note on any one dynamic routing algorithm.
- (c) Which are the network inter-connecting devices ? Discuss the functions of the widely used device amongst them.
- 4 (a) What is cryptography ? Discuss the transposition and substitution ciphers as traditional methods of encryption. 7
- (b) What is congestion ? Which are the congestion principles ? How is it controlled ? 7
- OR**
- (b) List the basic services of the Transport layer. Discuss them in short. 7
- 5 Write notes on any two from the following : 14
- (1) Electronic Mail
- (2) Ethernet
- (3) ISDN.
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