

(2)

- (f) Write functions of IPV₄ addressing.
- (g) What is ATM ?
- (h) Write characteristics of wireless LAN's-802.11.
- (i) What is Application Layer ?
- (j) What is E-mail ?

Answer the following Long answer type questions : 15×5

- 2. (a) What is the Transmission Media ? Explain the different transmission media with their advantages and disadvantages.
(b) What is TCP / IP Model ? Explain it.
- 3. (a) Explain data link protocols with their uses.
(b) What do you mean by redundancy in error detection ? Also explain the error recovery techniques with example.
- 4. (a) Explain Routing Protocols and algorithms used in Network and Transport Layer with one example.
(b) What are the functions of Network Layer and Transport Layer ? Explain it.
- 5. (a) Explain Broad Band Networks with their advantages and disadvantages.

(3)

(b) Differentiate between Connection Oriented and Connection Less Networks.

6. (a) Explain HTTP.

(b) What is IT Act, 2000 ?
