



12. (a) (i) What are the classifications of services provided by a B-ISDN?  
(ii) Explain the main features and advantages of ATM networks.

Or

- (b) Explain ATM adaptation layer in detail.

13. (a) Explain IEEE 802.11 architecture and its associated protocols in detail.

Or

- (b) (i) What are the features of network security?

(ii) Write notes on :

(1) HIPER LAN

(2) WATM.

14. (a) (i) What are the advantages of optical LANs?  
(ii) Write notes on wavelength routed cross connects.

Or

- (b) Explain WDM and DWDM.

15. (a) (i) Explain the various performance measures in ATM networks.  
(ii) Write notes on real-time services offered by ATM networks.

Or

- (b) (i) What are the advantages for the use of virtual paths in ATM networks?

(ii) Explain quality of service in ATM networks.