

Thursday, February 21, 2013

11:28 AM



AL-2010251

Seat No. 50632

B. C. A. (Sem. V) Examination
October / November - 2010
Network Technology & Administration
(New Course)

Time : 3 Hours]

[Total Marks : 100

- 1 Attempt any four : 20
- (a) What is network services? Briefly explain any four network services.
 - (b) What is network topology? Briefly explain bus topology and mesh topology.
 - (c) Write a note on de facto and de jure standards.
 - (d) What is multiplexing? Briefly explain FDM and TDM.
 - (e) What is wireless communication? Briefly explain Infrared and Radio transmission media.
- 2 Attempt any four : 20
- (a) What is Hub? Explain different types of Hub.
 - (b) What is Modem? Briefly explain asynchronous and synchronous modem.
 - (c) Write a note on switching technique.
 - (d) Explain routing in Mobile IP.
 - (e) Write a note on NIC.
- 3 Attempt any four : 20
- (a) Write a note on repeaters.
 - (b) What is protocol? Write a note on TCP/IP protocol.
 - (c) Write a note on Apple Talk and IPX/SPX.
 - (d) Briefly explain interior and exterior routing protocol.
 - (e) Write a note on BGP.

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[Contd...

4 Attempt any four : 20

- (a) Write a short note on Fiber optic cable and give advantages.
- (b) Briefly explain CSMA/CD and token passing network access method.
- (c) What is IP addressing? Briefly explain any two IP address class.
- (d) Write a note on IPV6.
- (e) How many types of accounts in windows server 2003? Briefly explain any two of them.

5 Attempt any four : 20

- (a) Write a short note on network monitor and logging event.
- (b) Write installation steps of windows server, 2003.
- (c) Write a short note on network security fundamental.
- (d) What is security? Write a short note on CIA model.
- (e) Write a short note on network security wheel.