



C-1885

Second Year B.C.A. (Sem. IV) Examination

October / November 2008

Computer Networks

(New Course)

Time : 3 Hours]

[Total Marks

Instructions :

(1)

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Fillup strictly the details of signs on your answer book.

Name of the Examination :
S. Y. B.C.A. (Sem. 4)

Name of the Subject :
Computer Net. (New)

Subject Code No. : 1 8 8 5 Section No. (1, 2, ...): Nil

Seat No. [] [] [] [] [] [] [] []

Student's Signature

(2) Write answers of each question on new page.

1 Do as directed :

(a) Explain following terms in term of Computer Network

- (i) Network
- (ii) Multiplexing
- (iii) Broadcasting
- (iv) Host
- (v) Client
- (vi) Transmission Error
- (vii) Network Binding

(b) Give name of two protocols that work at Network layer.

(c) Discuss the situation where server-based network is appropriate.

(d) What do you mean by Encryption?

(e) Write functionality of DHCP, DNS server.

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3. (a) Directed : (any three) 21
- (i) Explain OSI model
 - (ii) Write a note on File Servers
 - (iii) Write a note on Primary Network Components.
 - (iv) Explain "Storage" feature of different OS
 - (v) What is topology? Explain working of Ring topology.
4. Attempt following : (any three) 12
- (i) Write note on Redirector
 - (ii) Write steps for installing Network Card Drivers.
 - (iii) Explain star-bus topology.
 - (iv) Write note on Public-key Encryption.
 - (v) Write note on Ethernet.
4. Write notes on the following : (any four) 20
- (i) Repeater
 - (ii) Firewall
 - (iii) Fibre optics
 - (iv) LAN
 - (v) Basic TCP/IP configuration
 - (vi) Data Link Layer