



DM-0792

B. C. A. (Sem. IV) Examination  
September / October - 2006  
Computer Network

Time : Hours]

[Total Marks : 70

Instruction :

नीचे दशांकन - निशानीवाणी विगत उत्तरवादी पर अवश्य लभयी.  
Fillup strictly the details of signs on your answer book.

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

Name of the Subject :  
Computer Network

Subject Code No. : 0 7 9 2 Section No. (1, 2, ...) Nil

Seat No. :

Student's Signature

- 1 Answer the following questions in short : 20
- (1) What is the main function of application layer ?
  - (2) Differentiate between bridge and router.
  - (3) What is encryption ? Which are the various techniques for encryption ?
  - (4) How are errors detected during transmission ?
  - (5) What is a network host ? Is it the same as a host of Internet ?
  - (6) What is the difference between bit rate and baud rate ?
  - (7) Which parameters would a network administrator like to monitor over a network ?
  - (8) List out the steps to share a printer on a MS Windows OS platform.
  - (9) How can one assign IP addresses dynamically ?
  - (10) Which are the various data link layer protocols ?
- 2 (a) What is server ? Which are the various servers you know ? List the services offered by them. 8
- (b) Which are the different types of threats to a network OS ? 7

OR

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[Contd...

- (b) Which are the important aspects of network monitoring ? Discuss. 7
- 3 (a) Write a note on token bus, along with its frame structure. 8
- (b) Differentiate between : 7
- (i) Internet and intranet
- (ii) Bridge and Router.
- OR
- (a) Write a note on Transposition Ciphers. 7
- 4 Attempt any four from the following : 20
- (1) Explain : Switch, Hub
- (2) Explain multiplexing. List its different types. Explain any one of them
- (3) Creating and administering users in Windows 2000 OS
- (4) OFC transmission media
- (5) Explain RSA algorithm.