



BZ-0792-R

**B. C. A. (Sem. IV) Examination**  
**April / May – 2006**  
**Computer Network**

Time : 3 Hours]

[Total Marks : 70

नीचे दशावलि निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी.  
Fillup strictly the details of signs on your answer book.

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

Name of the Subject :  
Computer Network

Subject Code No. : 0 7 9 ? 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 session layer ?
- (2) What are the limitations of UTP and co-axial cable ?
- (3) Differentiate between active hub and passive hub.
- (4) What is cryptography ?
- (5) List the add-on features for an OS to become a network OS.
- (6) What are the limitations of bus topology ?
- (7) Which are the transport layer protocols ?
- (8) Which tools are used for web monitoring ?
- (9) How can one verify whether network connectivity exists or not ?
- (10) Which unit of measurement is used to measure the speed of the channel ?

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2 (a) How does the network manager install and configure an NIC ? 8

(b) Explain the different types of network services. 7

OR

(b) Which are the different types of threats to a network OS ? 7

3 (a) Discuss the OSI reference model in detail. 8

(b) What is a socket ? Which are the well known ports ? Discuss the services also configured on these ports. 7

OR

(b) Differentiate between : 7

(i) TCP & UDP.

(ii) Wrokgroup and Domain.

4 Attempt any four from the following : 20

(1) Explain : Repeater, Router

(2) DHCP

(3) Setting up security upon folders/files in Windows environment

(4) Features of Windows XP

(5) Modem.