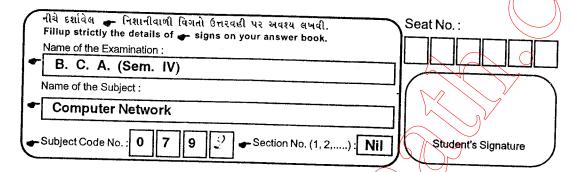


BZ-0792-R

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

Time: 3 Hours]

[Total Marks: 70



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?

8

7

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1

[Contd...

2	(a)	How does the network manager install and configure 8 an NIC ?
	(b)	Explain the different types of network services. 7
		OR
	(b)	Which are the different types of threats to a network OS?
3	(a)	Discuss the OSI reference model in detail.
	(b)	What is a socket? Which are the well known ports? 7 Discuss the services also configured on these ports.
		OR
	(b)	Differentiate between:
		(i) TCP & UDP.
		(ii) Wrokgroup and Domain.
4	Atte	empt any four from the following:
	(1)	Explain: Repeater, Router
	(2)	DHCP
	(3)	Setting up security upon folders/files in Windows environment
	(4)	Features of Windows XP
	(5)	Modem.
5		
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