

Roll No.

Total No. of Questions : 09]

may-08

[Total No. of Pages : 02

Paper ID [CS402]

(Please fill this Paper ID in OMR Sheet)

B.Tech. (Sem. - 7th/8th)

COMPUTER NETWORKS (CS - 402)

Time : 03 Hours

Maximum Marks : 60

Instruction to Candidates:

- 1) Section - A is **Compulsory**.
- 2) Attempt any **Four** questions from Section - B.
- 3) Attempt any **Two** questions from Section - C.

MAY 2008

Section - A

Q1)

(10 × 2 = 20)

- a) What do you mean by web browsers. Give some examples of it.
- b) Which types of protocols can be used in URL?
- c) Difference between hyperlink and hypertext.
- d) Decryption and encryption of data are the responsibility of ---- layer.
- e) What do you mean by denial of services?
- f) What is a web page? List the tools that can be used to create web pages?
- g) What do you mean by the TELNET?
- h) Suppose you want to have an internet connection. Which connection will be preferred by you and why?
- i) Why do we need protocols?
- j) What do you mean by the SLIP?

Section - B

(4 × 5 = 20)

- Q2) Explain the function of Data Link and Transport, Application Layers in Details?
- Q3) What are the important features of a computer network?
- Q4) What do you mean by topology? What are popularly used topologies in computer networks? Explain the features of each.

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Q5) State the various design goals for TCP/IP reference model? Which are the various layers present in TCP/IP model? Briefly explain each layer.

Q6) Discuss various Routing algorithms.

Section - C

(2 × 10 = 20)

Q7) What do you mean by Telnet and FTP? Explain in detail where they are used.

Q8) Explain the working of Router and Bridge in detail.

Q9) What are the different types of domain name? Explain each with an example.

