

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. - 7<sup>th</sup>/8<sup>th</sup>)

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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P.T.O.

**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.

