

May June 2006

Bachelor of Computer Application (BCA) Examination

II Semester

## Introduction to Internet

Time : 3 Hours]

[Max. Marks : 50

**Note-** Attempt all five questions. All questions carry equal marks.

1. (a) Explain with diagrams the point to point and broadcast networks.
- (b) Explain with diagrams TCP and IP protocol headers.

**OR**

- (a) How does an ISP connects to all over the world web servers and users? Describe with diagrams.
  - (b) Describe with diagram Star Topology of a Network.
2. (a) What are the Backbones and NAPs in Internet? Write their topologies in Internet.
  - (b) Take ten exemplary URLs to explain meanings of each field in them.

**OR**

Explain the meaning of:

address, domain name, DNS, ftp://, https://. http://. URL path, URL resource and URL query.

3. (a) What is hyper text and how does world wide web form by hyper texts?
- (b) Describe SMTP.

**OR**

Describe FTP and HTTP protocols.

4. Describe Internet Phone and Usenet News Services.

**OR**

Describe Chatting on Internet. Explain protocols and ethics used.

5. Describe all features provided in Internet Explorer.

**OR**

How will a web Page get designed using Front Page? Describe all available features.

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