Roll No. ....

BCA–503(O)

B. C. A. (Fifth Semester)
EXAMINATION, Dec., 2013

(Old Course)

Paper Third

INTERNET AND WEB PUBLISHING

Time : Three Hours]   [*Maximum Marks : 75*

Note : Section A is compulsory. Attempt any *seven* questions from Section B and any *one* question from Section C.

Section—A

1. Write full form of the following :   5

    (i)   SLIP

    (ii) ATM

    (iii) HTTP

    (iv) XML

    (v)   URL

2. Fill in the blanks :   6

    (i)   HTML tag must be written in ....

    (ii) .... is the name of the language, you use to write a web page.

(iii) For creating a table .... tag is used.

(iv) .... character is used to tag in HTML.

(v) In Telnet, the client computer is called............

(vi) Prompt for FTP command is ....

Section—B

6 each

3. Write four basic commands of ftp.   4

4. What is TCP/IP protocol?   3

5. What is router and what purpose does a router serve?

6. What do you understand by digital signature?

7. Describes e-mail headers.

8. How are IP addresses managed in internet?

9. What do you understand by URL? What are different parts of it?

10. Write short notes on the following:

   (i) Ring Topology

   (ii) Bridge

   (iii) Gateway

   (iv) Firewall

11. What are different threats to the security of Internet?

12. What do you understand by website hosting? What are important points to keep in mind while hosting any website?

13. Explain why Java is considered as most suitable language for Internet.

14. What are different sections of a HTML page?

Section—C

Note : Attempt any one question. Each question carries 10 marks.

15. (a) Give definition of Internet. What are the protocols on Internet and their purpose ? Give examples of three different protocols used on Internet.   5

   (b) What sort of services provided by ISP ?   5

16. (a) What is a standard layout of any basic HTML page ? Explain giving suitable HTML code fragments.   5

   (b) Differentiate between URL and URI. When and where is URI used ?   5