

Roll No.....

Total No. of Printed Pages: 1

Total No. of Questions: [09]

BCA (Sem-2nd)
INTERNET AND ITS APPLICATIONS
Subject Code: BCAP1208
Paper ID: [160108]

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

Q1. Attempt the following:

- a) What is the purpose of using DNS?
- b) Differentiate between Intranet and Extranet.
- c) Describe various Internet Service Provider (ISP).
- d) What is the role of Gopher?
- e) Define the structure of URL.
- f) Differentiate between HTTP and HTTPS.
- g) Why HTML is called a markup language?
- h) What is the role of Outlook Express?
- i) Which tag is used to create hyperlink in HTML.
- j) List two popular web browsers used nowadays.

Section – B

(5 marks each)

Q2. What is the role of WWW? Explain working of Client/Server architecture of WWW?

Q3. What is Internet Protocol? Explain FTP and Telnet protocols in detail?

Q4. Explain the structure of TCP/IP Model in detail?

Q5. What is the evaluation of Internet? Explain various applications and services offered by Internet?

Q6. Differentiate between HTML and DHTML.

Section – C

(10 marks each)

Q7. What is the role of Search Engine? Explain various components and working cycle of Search Engine in detail?

Q8. Define e-mail privacy. Discuss the architecture and components of e-mail system that facilitates sending and receiving of e-mail over the internet?

Q9. Write short notes on any three.

- a) Web Directory.
- b) Classes of IP Addresses.
- c) Heading Tags used in HTML.
- d) Web Page and Bookmark.
- e) Applications of Intranet.