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.