

CS/2051

**INTRODUCTION TO COMPUTER NETWORKS AND
INTERNET PROGRAMMING–BAP-303
(Semester–VI)**

Time : Three Hours]

[Maximum Marks : 45

Note : Attempt *two* questions each from sections A and B of the question paper and the entire section C.

SECTION–A

- I. What do you mean by computer network? What are its uses? Discuss in detail about various hardware and software requirement for computer networks. 9
- II. What is the various wired transmission media used to transport raw data from one machine to other? Explain. 9
- III. What do you mean by internet protocol? What are various internet protocols? Discuss TCP/IP in detail. 9
- IV. What do you mean by network security? What are the various security measures of data transmission over a network? 9

SECTION-B

- V. Discuss the general structure of HTML tag? Illustrate their use and importance with example. Discuss various HTML tags in brief. 9
- VI. What are the advantages and disadvantages of using tables in a webpage? How can we include captions in a table. 9
- VII. Discuss the following in detail :
- (a) Fragment URL 4½
 - (b) HTTP. 4½
- VIII. What do you mean by HTML forms? Discuss various elements of HTML forms in detail. 9

SECTION-C

- IX. (a) Define wide area network. 1½
- (b) What are the features of value added networks? 1½
- (c) What are the merits of email? 1½
- (d) What are the limitations of HTML? 1½
- (e) Differentiate between internal links and external links. 1½
- (f) How to add image to web page? 1½
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