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B.C.A. (Fifth Semester) Examination, 2017

Paper : BCA-501

(Web Design)

Time : Three Hours] *[Maximum Marks : 70*

Note : Attempt questions from **all** sections as per instructions.

Section - A

(Very Short Answer Type Questions)

Note: Attempt **all** parts of this question. Give answer of each part in about 50 words.

$1\frac{1}{2} \times 10 = 15$

1. (i) Define Browser. Name any two browsers.

   (ii) What is domain name?

   (iii) Explain key issues to be considered in the designing of web sites.

   (iv) Explain HTML tag to link to :

   (a) Different Document

   (b) Some portion within the same document.

P.T.O.

   (v) Explain steps to create frame in front page.

   (vi) How 3D Animation differs from 2D Animation?

   (vii) What is static and dynamic page.

   (viii) Explain working of CGI Script.

   (ix) What is the structure of Java Script?

   (x) How to embed a Java applet in a web page?

Section - B

(Short Answer Type Questions)

Note : Attempt **all** questions. Give answer of each question in about 200 words. $7 \times 5 = 35$

2. Explain briefly the evolution of Internet.

OR

Define Telnet. Write a step-wise procedure to establish a Telnet Session.

3. How to map images? Explain Audio and Video tags used within web page with illustration.

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OR

List out various container and non-container elements in HTML and explain any one container and non-container element with proper example.

4. Explain the file menu and communicator menu of Netscape Navigator.

OR

Write a note on Animation and explain the following actions :

(i) Goto & Play

(ii) Load Movie

(iii) Stop

(iv) Get Url

5. Write a detailed note on Server Side Scripting.

OR

What is CGI Code? Provide an example of CGI Code for post process on html form which contain order for an item.

6. Explain operations and looping statements of Java Script.

OR

How Java Applets are built using JDK?

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Section - C

(Long Answer Type Questions)

Note: Attempt any **two** questions. Give answer of each question in about **500** words.

$$10 \times 2 = 20$$

7. Explain IP addressing. Also explain its significance for Internet. Explain how web browser communicates with web server in case of FTP.

8. Define HTML. Explain structure of HTML Script. Write Html script to create a table which displays students roll no., name and marks for 3 subjects. Provide title 'Marks' above subject marks column.

9. Explain in detail the process of creating animation using various methods.

10. Explain the following giving example of each and differentiate them:

(i) Static page

(ii) Dynamic page

(iii) Active page

11. Write a Java Script to accept any string and reverse it.

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