Roll No. ....   Total Pages : 3

August/September 2022
BCA IV SEMESTER
Web Designing (BCA-17-206)

Time : 3 Hours]   [Max. Marks : 75

Instructions :

   1. It is compulsory to answer all the questions (1.5 marks each) of Part-A in short.

   2. Answer any four questions from Part-B in detail.

   3. Different sub-parts of a question are to be attempted adjacent to each other.

PART-A

1.   (a) How does a web browser communicates with a web server?   (1.5)

      (b) List out the functions of Network and Transport layer of TCP/IP Model.   (1.5)

      (c) What are web directories? Give two examples of web directories.   (1.5)

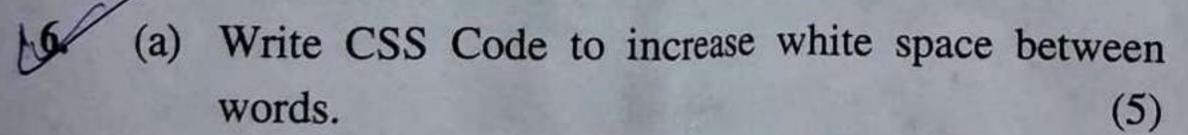   (d) What is the difference between web casting and broadcasting?   (1.5)

(e) Name any *three* web hosting companies. (1.5)

(f) What does HTML stand for and what is its function? (1.5)

(g) Specify the purpose of HTML lists in creating web sites? (1.5)

(h) What is <noframes>? Why it is used? (1.5)

(i) List out features of DHTML. (1.5)

(j) What does z-index property of layers signifies? (1.5)

PART-B

2. (a) How HTTP is same as well as different from FTP? Explain various HTTP Headers? (10)

(b) What is a Search Engine? Explain its components. (5)

3. (a) What is web publishing? Explain the process of publishing a web site. (10)

(b) Explain different types of web hosting. (5)

4. (a) Specify the purpose of <base>, <meta>, <link>, <script> and <style> tags. (5)

(b) Prepare an HTML page to show various text styling and formatting tags. (10)

5. (a) Why it is preferred to organize frames in rows as compared to columns? Also Write HTML Code to generate following table : (10)

| Day | Schedule | | Seminar |
	Begin	End	Topic
Monday	8:00 a.m.	5:00 p.m.	Introduction to XML
			Validity: DTD and Relax NG
Tuesday	8:00 a.m.	11:00 a.m.	XPath
	11:00 a.m.	2:00 p.m.	
	2:00 p.m.	5:00 p.m.	XSL Transformations
Wednesday	8:00 a.m.	12:00 p.m.	XSL Formatting Objects

(b) With the help of HTML and CSS code explain different ways of applying CSS Styles. (5)

6. (a) Write CSS Code to increase white space between words. (5)

(b) What are image-maps? Why they are used? Write a program to find factorial of a number on click of a button. (10)

7. Write short note on following :

(i) URL and its components.

(ii) Domain Names.

(iii) HTML Forms. (15)

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