

Question Paper Code : 6575

BCA (Semester-V) Examination, 2021

WEB DESIGN CONCEPT

[Paper : BCA-503]

Time : Three Hours]

[Maximum Marks : 70

Note : Answer any five questions. All questions carry equal marks.

1. (a) What are Protocols ? What they do ? What allows any computer to be able to send and receive data through the internet ? [7]
- (b) Explain HTTP and FTP. [7]
2. Discuss client server computing concepts with the help of suitable diagram. Differentiate between client side and server side scripting. [14]
3. (a) What is DTD ? Explain internal DTD and external DTD. [7]
- (b) Compare XML schema and DTD. [7]

4. What is a frame ? Explain <frame> and <frameset> tags with its attributes and examples. Write the code for the following structure. [14]

FRAME 1			25%
FRAME 2	FRAME 3	FRAME 4	25%
FRAME 5		FRAME 6	25%
FRAME 7	FRAME 8	FRAME 9	25%

5. (a) What is CSS ? What are the advantages and disadvantages of using CSS in HTML ? [7]
- (b) How do we create table in HTML ? Design the following structure using HTML table tag. [7]

Name	Subject	Marks
Rahul	Math	78
	Hindi	56
Ravi	English	76
Sunil	Science	66

6. How do we write JavaScript with HTML programming ? Write HTML code and script to validate text box for checking blank entries. [14]
7. Explain various datatypes used in JavaScript. Write a JavaScript to find factorial of a number. [14]

8. (a) What are the different types of JavaScript errors ? Explain with an example. [7]
- (b) Write a JavaScript code to find sum of N natural numbers using user defined function. [7]
9. (a) Differentiate between client side and server side programming with example. Which languages are used for both ? [7]
- (b) Write short note on ASP. [7]
10. What is JSP ? How do we declare variable and expression in JSP ? What are the advantages and disadvantages using JSP ? [14]

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