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63/1 (SEM-6) CC13/BCAHC6136

2024

COMPUTER APPLICATION

Paper : BCAHC6136

(Web Technology)

Full Marks : 60

Pass Marks : 24

Time : Three hours

***The figures in the margin indicate
full marks for the questions.***

1. Choose the correct answer from the following : **(any five)** 1×5=5

(a) Which among the following is not a web browser ?

(i) www

(ii) Chrome

(iii) Opera

(iv) NetSurf

(b) What does HTML stand for ?

- (i) Hypertext Markup Language
- (ii) High Text Markup Language
- (iii) Hyper Tabular Markup Language
- (iv) None of the above

(c) Which of the following is not an HTML tag ?

- (i) <select>
- (ii) <input>
- (iii) <textarea>
- (iv) <list>

(d) XML stands for

- (i) Extensible Mask Language
- (ii) Extensible Markup Language
- (iii) Extended Markup Language
- (iv) Extension Markup Language

(e) When is the body tag used ?

- (i) After FORM tag
- (ii) After Title tag
- (iii) After EM tag
- (iv) After HEAD tag

(f) How many sizes of headers are available in HTML by default ?

- (i) 5
- (ii) 1
- (iii) 3
- (iv) 6

(g) What is JavaScript ?

- (i) A programming language used for creating dynamic web pages
- (ii) A style sheet language for web development
- (iii) A markup language for structuring web content
- (iv) A database management system

(h) WiFi is a short name for

- (i) wired Fidelity
- (ii) wireless Fidelity
- (iii) wireless Frequency
- (iv) None of the above

(i) Internet is

- (i) a local computer network
- (ii) a world wide network of computers
- (iii) an interconnected network of computers
- (iv) a world wide interconnected network of computers which use a common protocol to communicate with one another

(j) In Visual Basic, a variable name cannot be more than ____ characters.

- (i) 223
- (ii) 300
- (iii) 255
- (iv) 400

2. Answer **any five** of the following questions :

2×5=10

- (a) Define ordered list with an example.
- (b) Define Heading tags with an example.
- (c) Write the difference between Java and JavaScript.
- (d) List out *any two* advantages of PHP.
- (e) Define XML. What are the advantages of XML ?
- (f) Define DTD.
- (g) Write about image tag and font tag.

3. Answer **any five** of the following questions :

5×5=25

- (a) Explain the structure of the HTML webpage with an example.
- (b) Define list tag with an example.
- (c) Write about the history of JavaScript.

- (d) Explain database connectivity in PHP with reference to MySQL.
- (e) Compare between HTML and XML.
- (f) List out the advantages of XML schemas over DTDs.
- (g) Explain about the VB control statements.
- (h) What are the different scopes of variables in VB ?
- (i) Write about dynamic page creation and its advantages.

4. Answer **any two** of the following questions :
10×2=20

- (a) Define Frame set and Frame Tag. Divide the web page into four equal parts each individual part displaying different web page.
- (b) What is the need of scripting languages in web technologies ?

- (c) Explain about XML schema with an example.
- (d) Explain different types of hyperlink with examples.

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