

Roll No.

Total No. of Questions : 10] [Total No. of Printed Pages : 4
(1049)

**B.C.A. (CBCS) RUSA IVth Semester
Examination**

4393

**INTERNET TECHNOLOGY AND WEB PAGE
DESIGN**

Paper : BCA-0404

Time : 3 Hours]

[Maximum Marks : 70

Note :- Attempt all questions.

Part-A

1. Attempt *ten* objective type questions of 1 mark each.

(i) An internet is a :

- (a) Collection of WANs
- (b) Collection of LANs
- (c) Collection of identical LANs and WANs
- (d) Network of networks

CH-719

(1)

Turn Over

- (ii) Correct HTML tag for the largest heading is :
- <head>
 - <h6>
 - <heading>
 - <h1>
- (iii) XML is a software and hardware dependent tool for carrying information.
- True
 - False
- (iv) Which of the following is used to create Web Page ?
- C
 - HTML
 - JVM
 - DTD
- (v) HTML is considered as language.
- Programming language
 - Markup language
 - OOP language
 - Higher level language
- (vi) When we write , what "img.png" inside double quote implies ?
- Element
 - Attribute
 - Value
 - Operator
- (vii) Which CSS property is used to control the text size of an element ?
- Font-style
 - Text-size
 - Font-size
 - Text-style

- (viii) element is known as empty element.
-

 - <hl>
 - <head>
 - <p>
- (ix) Protocols are, set of rules to govern :
- Communication
 - Metropolitan communication
 - Standards
 - None of these
- (x) SMTP stands for :
- Short Mail Transmission Protocol
 - Small Mail Transmission Protocol
 - Server Mail Transfer Protocol
 - Simple Mail Transfer Protocol

10×1=10

2. Short answer type questions of 4 marks each.

- Describe basic components of Computer Networks.
- What is web typography ? List out any two principles of web Typography.
- How to add graphics in HTML ?
- Design a program to demonstrate the concept of audio and video tags in html.
- Describe any four properties of CSSI.

5×4=20

Part-B (Unit-I)

10 each

3. What is Extranet ? Describe the evolution of Internet.

Or

4. List out any *five* features available in standard e-Mail provider.

Part-C (Unit-II)

10 each

5. Explain the routing with TCP/IP.

Or

6. Explain PPP. Describe the dedicated leased line with example.

Part-D (Unit-III)

10 each

7. How to make a frameset with three documents, and how to mix them in rows and columns.

Or

8. Explain image maps with appropriate example.

Part-E (Unit-IV)

10 each

9. Describe the relationship between XML and SGML.

Or

10. How to use CSSI in HTML. Explain with example.

<FRAMESET rows="50%" 50%>