

Roll No.

Total No. of Questions : 10]
(1049)

[Total No. of Printed Pages : 4

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

- (viii) element is known as empty element.
 (a)
 (b) <h1>
 (c) <head> (d) <p>
- (ix) Protocols are, set of rules to govern :
 (a) Communication
 (b) Metropolitan communication
 (c) Standards
 (d) None of these
- (x) SMTP stands for :
 (a) Short Mail Transmission Protocol
 (b) Small Mail Transmission Protocol
 (c) Server Mail Transfer Protocol
 (d) Simple Mail Transfer Protocol 10x1=10
2. Short answer type questions of 4 marks each.
- (i) Describe basic components of Computer Networks.
- (ii) What is web typography ? List out any two principles of web Typography.
- (iii) How to add graphics in HTML ?
- (iv) Design a program to demonstrate the concept of audio and video tags in html.
- (v) Describe any four properties of CSS1. 5x4=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" 1150>