

Roll No. ...6111630000.....

Total No. of Questions : 10]  
(1048)

[Total No. of Printed Pages : 4

**BCA (CBCS) RUSA IVth Semester  
Examination**

**4035**

**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) During an FTP session the data connection is opened .....
- (a) Exactly once
  - (b) Exactly twice
  - (c) As many times as necessary
  - (d) None of the above

**C-667**

( 1 )

Turn Over

- (ii) Which of the following IP address class is multicast :
- (a) Class A (b) Class B  
(c) Class C (d) Class D
- (iii) SLIP ..... as compared to PPP.
- (a) is less complex  
(b) is more complex  
(c) has same performance  
(d) none of these
- (iv) When a computer wants to communicate with another computer on the internet, it uses the IP address of the destination computer.  
(True/False)
- (v) IPv4 address has a size of ..... bits.
- (a) 128 (b) 64 ✓  
(c) 32 (d) None of these
- (vi) What are the two variations of dial up remote access ?
- (a) Cable and ISDN (b) ISDN and ISP  
(c) ISDN and PSTN ✓ (d) ISP and PSTN
- (vii) Which tag allows you to add a row in a table ?
- (a) <td> and </td> (b) <cr> and </cr>  
(c) <th> and </th> (d) <tr> and </tr> ✓

- (viii) What should be the first tag in any HTML document ?
- (a) <head> (b) <title>  
(c) <html> ✓ (d) <document>
- (ix) What does the .com domain represents ?
- (a) Education domain  
(b) Commercial domain ✓  
(c) Network  
(d) None of the above
- (x) Which of the following is not a style tag ?
- (a) <b>  
(b) <div>  
(c) <i>  
(d) All of above are style tags 10×1=10

2. Short answer type questions of 4 marks each.

- (i) What do you mean by bandwidth ?  
(ii) Explain the use of newsgroup.  
(iii) Define URL.  
(iv) How can you link an external CSS file with your html page ?  
(v) Difference between checkbox and radio button. 5×4=20

**Part-B (Unit-I)**

10 each

3. Explain various hardware and software requirements to setup a computer network.

*Or*

4. Discuss in detail the architecture of www.

**Part-C (Unit-II)**

10 each

5. Explain the role of DNS in Internet. Write down the steps for domain name registration.

*Or*

6. What are SLIP and PPP ? Differentiate between them in detail.

**Part-D (Unit-III)**

10 each

7. Explain various tags and their attributes related to the creation of a Table in a Web Page.

*Or*

8. Explain Frames in details. Write a code to open the link in first frame in another frame.

**Part-E (Unit-IV)**

10 each

9. Define CSS and its various types.

*Or*

10. What is meant by XML ? Explain linking in XML in detail.