

Total No. of Questions-8]

[Total No. of Printed Pages-3

**BE V Semester Examination**

**BE - V/12 (A)**

**232015**

**Comp. Engg.**

**Course No : COM - 501**

**(Internet & Web Technology)**

*Time Allowed- 3 Hours*

*Maximum Marks: 100*

**Note:** Attempt any **five** questions selecting at least **two** from each section

**Section - A**

1. a) Discuss and compare various internet protocols (15)  
b) Differentiate between forms and frames. (5)
2. a) How will you create hyperlinks in web documents? Discuss various attributes of hyperlinks. (12)  
b) Discuss history of internet and the working of internet. (8)
3. a) What is a procedure to write a simple CGI script? Write a CGI script as a perl program which generates a simple HTML document. (specify head, title, body with some main text) (10)

(2)

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- b) What are the benefits of HTML ? Describe various HTML tags. What are the various parameters inside Applet tag in a HTML file? (10)
4. a) What are cascading style sheets and how are they coded? Explain them with examples. (10)
- b) Explain the various Form objects used by javascripts with suitable examples. (10)

**Section - B**

5. a) Explain the process of converting XML to HTML with XSL style sheets. (10)
- b) Write an XML document that stores some tabular data and display the above data on HTML page. (10)
6. a) Explain various components of JSP in detail. What is the advantage of JSP over various server side programming techniques? (10)
- b) What are the different types of EJBs? Explain in detail. (10)
7. a) Explain the following terms related to Document type Definition:
- i) Elements
  - ii) Attributes & Entities
  - iii) Internal & External Entities. (12)

(3)

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b) What are the implicit objects available to the JSP Page?(8)

8. Write notes on

(20)

i) CSS

ii) Servlets

iii) DOM

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