

Reg. No. :

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Question Paper Code: 31526

B.E. / B.Tech. DEGREE EXAMINATION, MAY 2016

Fifth Semester

Computer Science and Engineering

01UCS506 – WEB PROGRAMMING

(Regulation 2013)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 2 = 20 Marks)

1. Define internet.
2. Create an XHTML document that uses an image as an hyperlink.
3. What is a Backus Normal Form (BNF) notation?
4. What is conflicting styles?
5. Interpret the 'switch' keyword statement of Java script.
6. Mention the features of CSS5.
7. Create an XML document to display 'HelloWorld!'.
8. Define eXtensible Stylesheet Language (XSL) formatter?
9. What is WSDL?
10. Define a Remote Procedure Call (RPC).

PART - B (5 x 16 = 80 Marks)

11. (b) (i) List the various <form> elements. Create a XHTML form to register your personal details to get an e-mail account. The details are First Name, Last Name, Sex, Date of Birth, Country, Mobile number and address. Use appropriate controls to get these details. (12)

(ii) Enumerate the various attributes of <form> element and its purposes. (4)

Or

(b) Explain basic HTML forms with suitable examples. (16)

12. (b) (i) Write the steps involved in binding a data with tabular data control with a suitable example. (8)

(ii) With suitable example, elaborate on the Event model used in interacting with web pages. (8)

Or

(b) Explain the features of Cascading Style Sheet (CSS) with suitable example. (16)

13. (a) Explain Java script objects with examples. (16)

Or

(b) (i) Write a servlet program to display the text “Hello Servlet” (10)

(ii) Enumerate the steps involved in configuring and displaying the servlet in Apache web server. (6)

14. (a) Create an application using PHP / MySQL to demonstrate database connectivity. (16)

Or

(b) Create a XML document to store the employee details and validate the document using XML DTD and XML schema. (16)

15. (a) Distinguish between traditional web applications and AJAX based web applications. (16)

Or

(b) Highlight features of Web services. Develop a simple web service to convert the temperature from Celsius to Fahrenheit. (16)