Reg. No. : | | | | | | | | | | |

## Question Paper Code: 35206

B.E. / B.Tech. DEGREE EXAMINATION, NOV 2018

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. Create an XHTML document that uses an image as an hyperlink.

2. Categorize each of the following as an element or an attribute.
   (i) src               (ii) href               (iii) th               (iv) tr

3. What is conflicting styles?

4. Mention the features of CSS5.

5. Distinguish between GET and POST actions.

6. Write a note on Java Server Pages.

7. What is RSS?

8. Define eXtensible Stylesheet Language (XSL) formatter?

9. What is WSDL?

10. Mention the purpose of SOAP.

PART - B (5 x 16 = 80 Marks)

11. (a) (i) Create an XHTML document to display your class time table. Mention the purpose of colspan and rowspan attributes. Set the caption and border to your table. (10)

   (ii) Create an XHTML document containing three ordered lists: juices, ice creams and soft drinks. Each ordered list should contain a nested, unordered list of your favorite flavors. Provide a minimum of three flavors to each unordered list. (6)

Or

   (b) 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. (16)

12. (a) (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) What is meant by data binding and explain data binding with tabular data control. (16)

13. (a) Design a XHTML form to register your details in an e-commerce web site. Write a java script program to validate the information entered in the form as per the following rules.

   (i) Name field is mandatory

   (ii) Password field should contain minimum six characters in which 2 characters are alphabets, 2 characters are digits and 2 are special symbols.

   (iii) Mobile number field should contain 10 digits. (16)

Or

   (b) Demonstrate the life cycle of a Servlet. (16)

2

**35206**

14. (a) Discuss about XSL and XSLT transformation. (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) With a neat diagram, describe the AJAX client server architecture and tell the purpose of XML Http Request Object. (16)

Or

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

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**35206**

**35206**