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Question Paper Code : 11963

B.E / B.TECH DEGREE EXAMINATION, MAY/JUNE 2016

Fifth Semester

B.E – Computer Science and Engineering

13CS503 – CLIENT – SIDE TECHNOLOGIES

(Regulations: Mepco – R2013)

Duration: 3 Hours

Maximum Marks:100

Answer ALL Questions

PART A – (10 × 2 = 20 Marks)

1. List any three Web Servers used today.
2. Give the significance of Canvas.
3. Write a Script that reads in two integers and determines and outputs XHTML text that displays whether the first is a multiple of second.
4. Define Object referencing.
5. Write a CSS rule that removes the underline from all links inside list items and shifts them left by 3.
6. Can you recall the layout of XML Schema?
7. What is event oriented parsing?
8. What is main idea of XQuery?
9. What are SVG transforms?
10. What makes AJAX more concurrent in terms of processing?

PART B – (5 × 16 = 80 Marks)

11. a) How would you apply a HTML 5 program to demonstrate the use of Hyperlink, Lists, Tables and Forms? (16 Marks)

OR

11. b) i. What is the sequence involved in a web server accepting a web client request and the corresponding return? Explain. (8 Marks)
11. b) ii. Explain the use of special characters and horizontal rules in detail. (8 Marks)

12. a) i. Explain with example, the control elements in Java script. (8 Marks)
12. a) ii. Construct a JavaScript program that uses looping to print Multiplication table. (8 Marks)

OR

12. b) Discuss the usage of JQuery with its Selectors and Method handling. (16 Marks)

13. a) List the steps involved in developing a web page using CSS to link external sheet and positioning of elements. (16 Marks)

OR

13. b) i. Illustrate the concepts of DOM Objects and Collections. (8 Marks)
13. b) ii. Give the importance of the following functions:

replaceChild()
getElementId()
replaceChild()

(8 Marks)

14. a) i. Explain the necessity of XML Name Spaces. (6 Marks)
14. a) ii. How would you design an XML document named “personalcomputer.xsd” with its basic features? (10 Marks)

OR

14. b) Explain the SAX based Event oriented parsing with suitable examples. (16 Marks)

15. a) Demonstrate the way of processing in Asynchronous JavaScript and XML. (16 Marks)

OR

15. b) i. Outline the SVG tools in detail. (8 Marks)
15. b) ii. Draw any 3 shapes (rectangle, Triangle and star) using SVG in HTML5. (8 Marks)