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Question Paper Code : 73760

B.E./B.Tech. DEGREE EXAMINATION, APRIL/MAY 2017.

Sixth Semester

Computer Science and Engineering

IT 2353/IT 63/10144 IT 604/10144 CS 802 — WEB TECHNOLOGY

(Common to Information Technology)

(Regulations 2008/2010)

(Also common to PTIT 2353 — Web Technology for B.E. (Part-Time), Fourth Semester – Computer Science and Engineering – Regulations 2009)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. List the two forms of URL and its uses.
2. How XHTML is more advantages than HTML? Specify.
3. Give some advantages of using cascading style sheets.
4. State the types of java script statements with examples.
5. What are server side and client side programming?
6. What is DOM?
7. What does XSLT mean?
8. Give the advantages of using JSP for server side programming.
9. Define SOAP.
10. What is web service?

PART B — (5 × 16 = 80 marks)

11. (a) Write a HTML script which creates a web page which should display some of the engg. Colleges in Tamil Nadu in a tabular form with name, address and url of the web site of the college. A candidate should select the required department which is listed as listed items from a form. Candidates selection should be consolidated and displayed finally. (16)

Or

- (b) Write a HTML script which creates a web page to display the available book details in a shop in a tabular form with title of the book, author details, quantity and price of the book. The customer should choose the required books from the list. The shop keeper should prepare the bill for the selected books. (16)

12. (a) (i) Explain the CSS box model in detail. (8)
(ii) List and explain in detail the types of selector strings. (8)

Or

- (b) (i) With an explain, how Java script handles arrays. (8)
(ii) Explain how local and global functions can be written using java script. (8)

13. (a) (i) List and explain the various types of document nodes. (8)
(ii) Explain in detail about event object and event listeners with an example. (8)

Or

- (b) Explain the servlet life cycle with an example. (16)

14. (a) Briefly discuss about XML and DTD. Write a DTD for employee details including employee name(first name and last name), employee ID, Date of Birth (month, date and year) and address (city and state). (16)

Or

- (b) Illustrate the standard actions and directive in JSP with suitable examples. (16)

15. (a) Explain the following with suitable example.
(i) File Databases (8)
(ii) WSDL structure and its elements. (8)

Or

- (b) Create a web service in Java environment to return the sum of two integers with necessary deployment procedure. (16)