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## Question Paper Code: 71764

B.E./B.Tech. DEGREE EXAMINATION, APRIL/MAY 2015.

Sixth Semester

Computer Science and Engineering

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

(Common to Information Technology)

(Regulation 2008/2010)

(Common to PTIT 2353/10144 CS 802 — Web Technology for B.E. (Part-Time), Fourth Semester, Computer Science and Engineering — Regulation 2009/2010)

Time: Three hours Maximum: 100 marks

Answer ALL questions.

PART A —  $(10 \times 2 = 20 \text{ marks})$ 

- 1. Write short notes on basic Internet protocols.
- 2. Create two rows of horizontal frames using HTML frames.
- 3. Write short notes on text properties in CSS with suitable example.
- 4. What is Normal Flow Box Layout in CSS?
- 5. Differentiate SAX with Dom parser.
- 6. Write short notes on java servlet life cycle.
- 7. Write short notes on some implicit objects in JSP.
- 8. What is MVC paradigm?
- 9. Display current date using JSP script let.
- 10. What is web service?



11. (a) Write an 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.



- (b) Write an HTML script which creates a web page which should 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. Prepare web form for the same finally.
- (a) Write the registration form for the creation of email account with all possible validations using java script.

Or

- (b) Explain-objects and arrays in java script with suitable example.
- 13. (a) (i) Write a code for creating cookies with name of person and secret code at the server, after getting these details from client using HTML form. How these details at the server side using Http servlet are displayed?
  - (ii) Write a code to display the current and yesterday's gold rate using session object.

Or

- (b) Write a Java code for getting the details of the items to be purchased from a client and to update the inventory of the shop after selling. Also bill should be prepared for the client. Maintain the transaction table also just by inserting these purchase item details at the shop use JDBC, for transactions.
- (a) Get the students' details like name, register number and mark using form. Generate DTD for this XML document.

	Regno	Mar
Xyz	1000	90
Abc	1001	80
Rst	1002	89
Pgr	1003	87

Generate the collected information in the descending order of marks using XSLT. Results should be displayed in the above format. Write a source code and explain the same.

Or

- (b) Explain Ajax DOM based XML processing Event oriented parsing, XPATH and Template based transformations with suitable example.
- 15. (a) Explain JAX-RPC concept with suitable example.

Or

(b) Write short notes on SOAP, WSDL, UDDI and XML schema.