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**Question Paper Code : 60764**

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2016.

Sixth/Eighth 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 2353/10144 CS 802 – Web Technology for B.E. (Part-Time) –  
Fourth Semester – Computer Science and Engineering – Regulations 2009/2010)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What is MIME? List its content types.
2. Why HTTP is called a stateless protocol?
3. Give the core syntax of CSS.
4. List and explain any two Java script built in objects.
5. Which parser is best in parsing large size documents? Why?
6. What is a Servlet container? Specify its function.
7. Write short notes on some implicit objects in JSP.
8. What is MVC paradigm?
9. Write the term XML schema.
10. Give some uses of WSDL.

PART B — (5 × 16 = 80 marks)

11. (a) (i) Design a HTML FORM for validation the users with fields user name, password and ok button which should receive the input from the user and responses as authorized or invalid username or invalid password. (8)
- (ii) Explain FRAME and IFRAME tags and attributes. (8)
- Or
- (b) (i) Write the header format of Request and Response between Client/Server and explain it. (8)
- (ii) Explain the various Internet protocols used for client server communication. (8)
12. (a) Explain the various event handlers in java script with examples.
- Or
- (b) State the objectives of using Cascading style sheet and explain the various CSS properties. Briefly explain about linking of style sheets and fixing the backgrounds.
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 it the server side using Http servlet are displayed? (10)
- (ii) Write a code to display the current and yesterday's gold rate using session object. (6)
- 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.
14. (a) (i) Explain the role XML name spaces with examples. (8)
- (ii) Explain the features of XML path language. (8)
- Or
- (b) (i) Explain the model view controller architecture pattern in detail. (8)
- (ii) Explain the use of Java beans classes in JSP with examples. (8)
15. (a) Explain in detail the steps involved in writing a web service. (16)
- Or
- (b) Explain the SOAP elements and their RPC representation in detail. (16)