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**Question Paper Code : 21514**

B.E./B.Tech. DEGREE EXAMINATION, MAY/JUNE 2013.

Sixth Semester

Computer Science and Engineering

IT 2353/IT 63/10144 IT 604 – WEB TECHNOLOGY

(Common to Information Technology)

(Regulation 2008/2010)

(Common to PTIT 2353 – Web Technology for B.E. (Part-Time), Fourth Semester,  
Computer Science and Engineering – Regulation 2009)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Write HTML code to create the following Table

w	x
y	z

- List the different basic protocols used in internet.
- Give example for inline style sheet.
- List the different methods defined in document and window object of Java script.
- List the different life cycle methods of Java Servlets.
- What is the purpose of cookies?
- Compare DOM and SAX in XML processing.
- Write two basic differences between JSP and servlet.
- What is the purpose of XML schema?
- Define the need for SOAP.

PART B — (5 × 16 = 80 marks)

11. (a) Create a HTML document for a company home page and explain. (16)

Or

- (b) (i) Explain the capabilities of web client and web server. (12)  
(ii) Write and explain HTTP request message format. (4)
12. (a) (i) Write a CSS which adds background images and indentation. (8)  
(ii) Explain external style sheet with an example. (8)

Or

- (b) (i) Write Java script to find sum of first n even number and display the result. Get the value of n from user. (8)  
(ii) Write Java script to find factorial of a given number. (8)
13. (a) Write a servlet to illustrate the principles of Cookies and explain. (16)

Or

- (b) (i) Explain about architecture of servlet. (6)  
(ii) Explain the purpose of the following Dom methods and properties. (5 × 2 = 10)

- (1) get Element By Id
- (2) create Element
- (3) create Text Node
- (4) append child
- (5) parent Node.

14. (a) Write XSLT code to display employee details in a Table form which is stored in XML. (16)

Or

- (b) (i) Write a client server JSP program to find simple interest and display the result in the client. (10)  
(ii) Write about the JSP tag libraries. (6)

15. (a) Illustrate the principles of WSDL, XML and SOAP and their interaction between them in web service applications. (16)

Or

- (b) Write a Java servlet to display net salary of employee, use JDBC connectivity to get employee details from data base. (16)