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**Question Paper Code : 21764**

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2015.

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)

(Common to PTIT 2353/10144 CS 802 — Web Technology for B.E. (Part-Time),  
Fourth Semester, Computer Science and Engineering — Regulations 2008/2010)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Write the way in which a DNS server resolves addresses.
2. List the three flavors of HTML.
3. Write the java script to print "Good Day" using IF-ELSE condition.
4. How external style sheet is useful in web page design?
5. Differentiate SAX with Dom parser.
6. Write a short note on java servlet life cycle.
7. Define DTD.
8. List the types of directives in JSP.
9. List some examples of web services.
10. State the use of WSDL.

PART B — (5 × 16 = 80 marks)

11. (a) Develop an interactive web page for student registration using HTML form elements. (16)

Or

- (b) Briefly discuss the HTML frame and table tags. (16)

12. (a) (i) Explain in detail the CSS Box model in detail. (8)  
(ii) List and explain the various positioning schemes in detail. (8)

Or

- (b) (i) Explain the java script array handling and array methods. (8)  
(ii) Explain the following java script objects :  
(1) RegExp. (4)  
(2) Math. (4)

13. (a) (i) Explain the document tree in detail. (8)  
(ii) Explain DOM event handling in detail. (8)

Or

- (b) (i) Explain in detail about the dynamic content generation by a servlet with an example. (8)  
(ii) Explain how java servlets perform session handling. (8)

14. (a) (i) Discuss AJAX architecture and compare it with DOM and SAX. (10)  
(ii) What languages are used to represent data in web? Explain any two of them. (6)

Or

- (b) (i) Explain how XSLT transforms the document from one (Word) type to other type (HTML). (8)  
(ii) Describe the basic java-bean classes and JSP tag libraries. (8)

15. (a) Explain – JAX-RPC concept with suitable example. (16)

Or

- (b) Write short notes on SOAP, WSDL, UDDI and XML schema. (16)