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Question Paper Code : 31514

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 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. Explain the way in which a DNS server resolves addresses.
2. List and explain the three flavors of HTML.
3. Give some advantages of using Cascading Style Sheets.
4. State the types of java script statements with examples.
5. List and explain any four HTML intrinsic event attributes.
6. What is meant by DHTML?
7. What is meant by an XML namespace?
8. State the use of ServletContext object.
9. Explain the term XML schema.
10. Give some uses of WSDL.

PART B — (5 × 16 = 80 marks)

11. (a) (i) Give the structure of HTTP request message and explain it in detail. (8)
- (ii) List and explain the steps involved in a web based client server communication. (8)

Or

- (b) (i) State and explain any four HTML elements in detail. (8)
- (ii) Explain the way in which data can be presented in a tabular form using HTML. (8)

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) 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) (i) Explain in detail about XSL. (8)
- (ii) Explain about DOM based XML processing. (8)

Or

- (b) Explain in detail the creation, instantiation and usage of java beans objects. (16)

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)