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Question Paper Code : 52177

B.E./B.Tech. DEGREE EXAMINATION, MAY/JUNE 2014.

Sixth Semester

Computer Science and Engineering

IT 2353/IT 63 — WEB TECHNOLOGY

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

(Regulation 2008)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What do you mean by Relative URLs?
2. Write the functions of a Web Server.
3. Differentiate Client Side scripting from Server Side scripting.
4. How will you include CSS in a web site?
5. Define Host objects.
6. Write the purpose of URL Rewriting.
7. List the advantages of XPATH.
8. What is the purpose of namespace?
9. Mention some of the disadvantages of Web Services.
10. Why do you want to describe a Web Service?

PART B — (5 × 16 = 80 marks)

11. (a) Explain the significance of XHTML with the help of a real time application. Write necessary code snippets. (16)

Or

- (b) How do you create frames? Why do we need them? Develop an application to explain the same. (16)

12. (a) (i) Describe how do you use Javascript for form validation? Develop a complete application that would include functions to validate the user data. (12)

- (ii) Write short notes on Javascript Built-in objects. (4)

Or

- (b) Discuss the various aspects of Normal Flow Box Layout in the context of CSS. (16)

13. (a) (i) Describe the process of generating dynamic content using servlets. (8)

- (ii) Briefly explain the importance of Document Object Model. (8)

Or

- (b) Discuss the ways of storing, and accessing information using cookies and handling associated issues. (16)

14. (a) (i) What is the significance of JavaBeans classes in the context of JSP? Discuss. (8)

- (ii) Explain about MVC architecture in detail. (8)

Or

- (b) (i) What do you mean by AJAX? Write the advantages of AJAX? (8)

- (ii) Write short notes on Event-oriented Parsing. (8)

15. (a) (i) Discuss the various aspects of JAX-RPC. (8)

- (ii) Develop a Java Web Service that would do arithmetic operations. (8)

Or

- (b) (i) Explain the elements of a SOAP message. (8)

- (ii) How do you store Java objects? Describe. (8)