Reg. No. : ☐☐☐☐☐☐☐☐☐☐☐☐

| Question Paper Code : 10390 |

B.E./B.Tech. DEGREE EXAMINATION, MAY/JUNE 2012.

Sixth Semester

Computer Science and Engineering

IT 2353/IT 63 – WEB TECHNOLOGY

(Common to Information Technology)

(Regulation 2008)

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. State the uses of Internet Protocol.

2. List and explain any two HTML elements.

3. Give the core syntax of CSS.

4. List and explain any two Java script built in objects.

5. What is meant by intrinsic event handling?

6. Explain the Servlet API life cycle methods in brief.

7. What does XSLT mean?

8. Give the advantages of using JSP for server side programming.

9. List some examples of web services.

10. State the use of WSDL.

PART B — (5 × 16 = 80 marks)

11. (a) (i)   Explain in detail the functions of a web server.   (8)

        (ii) Give the structure of HTTP request and response messages.   (8)

                                Or

    (b) (i)   Explain the use of relative URL's with an example.   (8)

        (ii) Explain how tables can be inserted into a HTML document with an example.   (8)

12. (a) (i) Explain the CSS box model in detail. (8)

(ii) List and explain in detail the types of selector strings. (8)

Or

(b) (i) Explain the way in which java script handles arrays with example. (8)

(ii) Explain how local and global functions can be written using java script. (8)

13. (a) (i) Explain the document tree in detail. (8)

(ii) Explain DOM event handling in detail. (8)

Or

(b) (i) Explain in detail with an example the dynamic content generation by a servlet. (8)

(ii) Explain how java servlets perform session handling. (8)

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 the creation of a Java web service in detail with examples. (16)

Or

(b) Explain the role of XML schema in building web services in detail. (16)

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