Reg. No. : ☐☐☐☐☐☐☐☐☐☐☐☐☐

Question Paper Code : 23760

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2018.

Sixth Semester

Computer Science and Engineering

IT 2353 – WEB TECHNOLOGY

(Common to Information Technology)

(Regulations 2008)

(Also common to PTIT 2353 — Web Technology for B.E. (Part-Time)
Fourth Semester – Computer Science and Engineering – Regulations 2009)

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. State the way in which a DNS server resolves addresses.

2. List the three flavors of HTML.

3. What are style sheets? List the ways of including style information in a HTML document.

4. What is a scriptlet?

5. Which parser is best in parsing large size documents? Why?

6. What is a Servlet container? Specify its function.

7. What does XSLT mean?

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

9. Display current date using JSP script let.

10. What is web service?

PART B — (5 × 16 = 80 marks)

11. (a) (i)   Design a HTML FORM for validation the users with fields user name, password and ok button which should receive the input from the user and responses as authorized or invalid username or invalid password. (8)

         (ii) Explain FRAME and IFRAME tags and attributes. (8)

Or

     (b) (i)   Write the header format of Request and Response between Client/Server and explain it. (8)

         (ii) Explain the various Internet protocols used for client server communication. (8)

12. (a) Write the registration form for the creation of email account with all possible validations using Java script.

Or

     (b) Explain objects and arrays in java script with suitable example.

13. (a) Briefly discuss the Event handling in DOM with suitable examples.

Or

     (b) Discuss in detail about the HttpServlet Class and its interface.

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 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)