Question Paper Code : Q 2289

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2009.

Eighth Semester

Information Technology

IT 1451 — WEB TECHNOLOGY

(Regulation 2004)

Time : Three hours
Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Why is HTTP called as a stateless protocol? Explain.

2. What is MIME? Explain its usage.

3. Write down HTML tags to explain frame within a frame.

4. Write a javascript to read three images and to display them alternatively with some delay.

5. How are audio files played through HTML? Explain with an example.

6. What is a web server? Explain its functionalities.

7. What is a session? How is it handled in ASP?

8. Justify the need for namespaces in XML.

9. What is the difference between GET and POST request?

10. What is the use of 'param' variable in JSP?

11. (a) (i) List any four protocols associated with internet and highlight their features. (8)

   (ii) What are the methods associated with array object in javascript? Explain each one with an example. (8)

Or

   (b) (i) Write a javascript to display a welcome message using alert whenever a button of a html form is pressed. (8)

   (ii) Compare SMTP and POP3. (8)

12. (a) (i) List any four events associated with DHTML and explain each one with an example. (8)

   (ii) What is DOM? Explain its usage with HTML with an example. (8)

Or

   (b) (i) Explain the concept of CSS and its uses with an example. (6)

   (ii) What is CSS padding? (4)

   (iii) Write a javascript to demonstrate the onload event. (6)

13. (a) (i) Explain the various e-business models supported through web based systems and explain each one with an example. (8)

   (ii) What are the steps involved in the development and hosting of a website? Discuss. (8)

Or

   (b) (i) Explain the various security measures associated with online payment systems. (8)

   (ii) Justify the need for client and server side scripting. (4)

   (iii) What is the use of web-config file? (4)

14. (a) (i) List out the objects associated with ASP and highlight the features of each object. (10)

   (ii) Write DTD for the following schema (emp_id, emp_name (first name, last name), dob (dd, mm, yyyy), address (city, state)). (6)

Or

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    (b)   (i)   What is a session? How is it implemented in ASP? Explain with an example.   (8)

            (ii)   What are the steps involved in the access of a database through ASP? Explain with an example.   (8)

15.   (a)   (i)   Consider a database table with the following schema

                (PNR No, status)

                Write a servlet program to display the status, given the PNR number.   (10)

            (ii)   What is a multi-tier application? Justify its need with an example.   (6)

Or

    (b)   (i)   List out the commonly used methods to Http servlet.   (6)

            (ii)   Consider a database table with the following structure :

                Movie (name, director, date_released, record)

                Write a JSP to display all the details of the movie, given the movie name.   (10)