E 6101

M.E. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2005.

Computer Science and Engineering

Elective

CP 050 — ADVANCED WEB DESIGN

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What is Portal? Give example.

2. List out various Client Server models.

3. Define image map. Give its types.

4. Mention the features of DHTML.

5. Write a note on Network Virtual Terminal.

6. What is the use of relative positioning in CSS?

7. Specify the purpose of Data Island.

8. What is firewall? Write the benefits of it.

9. State the objectives of EDI.

10. Briefly explain any two web design tools you are aware of.

PART B — (5 × 16 = 80 marks)

11. (i)   Write the steps required to convert a database from Java client and explain.   (10)

    (ii) What is digital signature? Specify the requirements of digital signature scheme.   (2 + 4)

12. (a) (i) Write HTML code to display the information in the following format. (6)

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┌──────────────────────────────────────────────────┐
│            LIBRARY INFORMATION MANAGEMENT         │
│   1.    Entertainment                             │
│            ▪ Novels                               │
│            ▪ Cartoons                             │
│            ▪ Disks                                │
│   2.    Educational                               │
│            ▪ History                              │
│            ▪ Science                              │
│            ▪ Mathematics                          │
│   3.    Cultural                                  │
│            ▪ Music                                │
│            ▪ Dances                               │
│                                                   │
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(ii) What is dream weaver? Describe the multimedia features of dream weaver. (2 + 8)

Or

(b) (i) Explain the method of assigning a background design for a document. (6)

(ii) Develop an HTML program to print following information. (10)

Telephone Bill

Subscriber's name and address	Consumer number	Post Office seal		
KUMAR ANNA NAGAR CHENNAI	CH 004123123			
Telephone Number	Bill Date	Due date		
1234567	03 OCT 2004	28 OCT 2004		
Open Meter reading	Close Meter reading	Free calls	Chargeable calls	
1062	1297	150	85	

13. (a) (i) Illustrate external style sheets with example. (6)

(ii) What is form? Explain attributes associated with form. (2 + 8)

Or

(b) (i) Define frame. Explain the creation of floating frame with an example. (2 + 4)

(ii) Write note on following : (3 + 3 + 4)

   (1) Usability testing.

   (2) RMI.

   (3) Internal linking.

(a) (i) Explain the security aspects of Java in internet. (10)

(ii) What is XML? Explain the components of XML. (2 + 4)

Or

(b) (i) Compare JSP and ASP. (6)

(ii) What is CGI? Explain how CGI is used in client side scripting with a sample code. (2 + 8)

5. **(a)** (i) Describe the features of mySQL server. (6)

(ii) What is internet commerce? Explain the types of internet commerce. (2 + 8)

Or

(b) (i) What is distributed data base? State the advantages of distributed data base. (2 + 4)

(ii) What is e–Cash? Describe transaction processing used in e–cash. (2 + 8)

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