MCSE-201

M. Tech. (Second Semester)
EXAMINATION, August, 2008

(Computer Science and Engg.)

WEB TECHNOLOGY AND COMMERCE

(MCSE-201)

Time : Three Hours

Maximum Marks : 100

Minimum Pass Marks : 40

Note : Attempt any *five* questions. All questions carry equal marks.

1. (a) Why is HTTP known as stateless protocol ?   5

   (b) What is advantages of dividing an e-mail address into two parts ?   5

   (c) In ARP message exchange can be used to bind address, but this is not very efficient. Why ?   10

2. (a) When a DNS servers receives a request, what are the possible actions it can take ?   10

   (b) Give application of JSP. Explain life cycle of JSP with a block diagram. Give an example.   10

3. (a) Differentiate between FTP and TFTP ?   5

   (b) What role do forms play in making a web page dynamic ?   5

   (c) What capabilities are required to run multiple clients and servers at the same time on a single computer ?   10

4. (a) Can you pass environment variable to a CGI program ? Explain with proper example. 10

(b) Write a HTML program segment that contains Hypertext links from one documents to another. 10

5. (a) What are the advantages of dynamic document techniques like ASP and JSP over CGI ? 10

(b) What is finally block in JAVA ? When and how is it used ? Give a suitable example. 10

6. (a) How EDI works and also explain different layers of EDI software ? 10

(b) What is Customer Relationship Management (CRM) ? What are the various phases of CRM ? 10

7. (a) Explain various types of e-Commerce and e-Commerce procurement model. 10

(b) Explain Cyber law and digital divide. 10

8. Write short notes on the following : 5 each
(a) SGML
(b) Java Beans
(c) VRML
(d) RARP

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