Reg. No. ☐☐☐☐☐☐☐☐☐☐

Fifth Semester B.E. Degree Examination, January/February 2003

Computer Science/ Information Science & Engineering
Internet & Intranets

Time: 3 hrs.]

[Max.Marks : 100

Note: *Answer any FIVE full questions.*

1. (a) Describe the ISO reference model.

   (b) Explain the IP multicast routing protocol. (10 Marks)

2. (a) Explain the routing security measures. (10 Marks)

   (b) Explain the exterior routing protocols. (10 Marks)

   (c) Explain the SMTP model. (5 Marks)

3. (a) Explain the secure socket layer protocol. (5 Marks)

   (b) What are the advantages of HTML? Explain. (5 Marks)

   (c) Discuss six key attributes of HTTP. Explain steps involved in client/server application. (5 Marks)

4. (a) Describe any ten HTML tags. (10 Marks)

   (b) Explain HTML tools. (10 Marks)

   (c) Write a note on VRML. (5 Marks)

5. (a) What are the basic functions of web browser? (5 Marks)

   (b) Explain the performance & security features provided by Netscape Navigator. (12 Marks)

6. (a) What are the practical issues involved in creating a home page for the web sever? (8 Marks)

   (b) Explain the different legal and ethical issues of information that is placed and or is accessible via an internet connection. (10 Marks)

7. (a) What is ment by on-line services? Enumerate the groups & segments that make up the on-line industry. (10 Marks)

   (b) Explain the ADSL Network Architecture supporting broadband. (10 Marks)

8. Write short notes on the following: (10 Marks)

   (a) User datagram protocol

   (b) Current limitations of VR technology

   (c) Hold down technique

   (d) TCP/IP model.

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(4×5=20 Marks)