2007

Subject Code—7285

M.C.A. (Fourth Year) EXAMINATION

COMPUTER NETWORK–II

MCA-405

Time : 3 Hours   *Maximum Marks : 100*

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

1. Explain the Internet Architecture.   **20**

2. (a) Explain TCP and UDP protocol of transport layer in TCP/IP Model.   **10**

   (b) Explain IP_v6 in detail.   **10**

3. Explain the Circuit Switching and Packet Switching Networks.   **20**

4. Why are firewall used ? How are packets filtered out in firewall ? What information is used for filtering decision ?   **20**

5. (a) What is the need for High Speed Networks ? Explain different performance attribute in High Speed Networks. **10**

   (b) Explain Frame Relay Device and Relay Network Implementation. **10**

6. Explain different Multimedia File formats. **20**

7. (a) What is Real-Time Transport Protocol (RTP) ? Explain packet structure of it. **10**

   (b) What is Streaming ? How Audio and Video is streamed on the web ? **10**

8. Write short notes on the following : **5×4=20**

   (a) ARP

   (b) OSPF

   (c) Hello

   (d) Mobile IP.