Subject Code—6780-X

M.C.A. EXAMINATION

(Fifth Semester)

(For Re-appear Batch 2009)

(New Scheme)

MS-34

HIGH SPEED N/W

Time : 3 Hours   *Maximum Marks : 70*

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

1. Explain the following IP routing methods :

    (a)   OSPF

    (b)   BGP.

2. Differentiate between the following :

    (a)   IPv4 and IPv6

    (b)   IP and Mobile IP.

3. Draw and explain layered protocol architectu for gigabit and 10G Ethernet.

4. Explain the following mobile communicati technologies :

   (a) GSM

   (b) CDMA

   (c) GPRS

5. Describe SAN technology and its architectu Also explain different class of service in fil channel.

6. Draw and explain layered protocol architectu of Frame Relay and ISDN.

7. Explain the process of flow control a connection management in TCP by taki appropriate example.

8. Write short notes on the following :

   (a) DNS

   (b) ATM.