

Roll No.

Subject Code—6781-Z

M.C.A. EXAMINATION

(Fifth Semester)

(For Batch Prior to 2009)

(Old Scheme)

MS-34

HIGH SPEED N/W

Time : 3 Hours

Maximum Marks : 100

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

1. Explain the following attributes for management of high speed networks :
 - (a) Traffic Management
 - (b) Application Management
 - (c) Device Management.

2. Explain the following subscriber lines :
 - (a) DSL
 - (b) ADSL
 - (c) HDSL.
3. Differentiate between the following :
 - (a) VDSL and RADSL
 - (b) Broadband and Narrowband.
4. Draw and explain reference model of ATM along with its cell format.
5. What is Fiber Channel ? Explain its layers and frame format.
6. Draw and explain layered protocol architecture of gigabit ethernet. Also discuss its frame format.
7. Compare the following technologies :
 - (a) Ethernet and ISO Ethernet
 - (b) ISDN and B-ISDN.
8. Write short notes on the following :
 - (a) RSVP
 - (b) FDDI.