A.P.G.D.C.A./M.Sc. (Computer Sc.)/M.C.A.

(1st Semester) Examination, January– 2009

COMPUTER NETWORKING AND MULTIMEDIA

Paper–APGDCA-2

Time allowed : 3 hours]   [Maximum marks : 75

Note : Attempt any *five* questions.

All questions carry equal marks.

1. (a) What are the aims and objectives of Networking ?

   (b) Differentiate among file server, client server and peer-to-peer computing.

   (c) Differentiate between public networks and private networks.

2. (a) Define MAC protocol and discuss how LAN works under CSMA/CD protocol ?

   (b) Compare IEEE standards 802.3, 802.4 and 802.5.

   (c) How link level protocol (LLC) is used in LAN ?

3. Compare various types of computer network and discuss hardware and software requirements for LAN and WAN. Also discuss in brief any three network protocols.

4. Describe various switching techniques with their advantages, disadvantages and applications.

P.T.O.

    (c)   What are document templates ? How are they helpful ? How do you create and modify templates in MS-Word ? Explain.

8. Differentiate between the following :

    (a)   Loader and Linker

    (b)   Multiprogramming and Time-Sharing Systems

    (c)   BIOS and Bootstrap

    (d)   Multi-tasking and Multi-processing.