UG–723　　　　**BCA-10**

B.C.A. DEGREE EXAMINATION – JUNE 2006.

Second Year

(For candidates admitted in AY 2004-05, and AY 2005-06 only)

COMPUTER NETWORK

Time : 3 hours　　　　　　　　Maximum marks : 60

PART A — (4 × 5 = 20 marks)

Answer any FOUR questions.

1. Define a network and briefly explain its classifications.

2. Define multiplexing and write short notes on FDM and TDM.

3. Discuss briefly on any one routing algorithm.

4. Explain briefly on the purpose of a bridge.

5. Discuss about the applications of ISDN.

6. Write short notes on hubs.

PART B — (4 × 10 = 40 marks)

Answer any FOUR questions.

7. Discuss in detail about various types of networks.

8. Write about ISO OSI reference model.

9. Write short notes on TCP and UDP.

10. Discuss in detail about Modem.

11. Discuss the various switching techniques.

12. Discuss in detail about ATM networks.