

Register Number :

Name of the Candidate :

6 6 9 9

B.C.A. DEGREE EXAMINATION, 2008

(SECOND YEAR)

(PART - III)

(PAPER - XII)

260. COMPUTER NETWORKS

(Revised Regulations)

(Including Lateral Entry)

December]

[Time : 3 Hours

Maximum : 100 Marks

SECTION - A (8 × 5 = 40)

Answer any EIGHT questions.

All questions carry equal marks.

1. What are the applications of computer networks? Explain.
2. Write a note on wireless network.

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- 3. What are the types of transmission media? Explain.
- 4. Write a note on network operating systems.
- 5. Illustrate the OSI reference model.
- 6. Explain about history of internet.
- 7. What is meant by routers ? - Explain.
- 8. What are the types of firewalls ? - Explain.
- 9. Explain the characteristics of LAN.
- 10. What are the advantages of packet switching? Explain.

SECTION - B (3 × 20 = 60)

*Answer any THREE questions.
All questions carry equal marks.*

- 11. (a) Explain about network software. (10)
- (b) Explain the use of computer networks in detail. (10)
- 11. Explain the different network topologies in detail. (20)

- 13. (a) What are the advantages of reference models ? - Explain. (10)
- (b) Explain the challenges faced in internet working. (10)
- 14. Explain the following :
 - (a) Bridges.
 - (b) Proxy servers. (10+10)
- 15. (a) Write the drawbacks in circuit switching. (8)
- (b) List the salient features of
 - (i) LAN.
 - (ii) WAN. (6+6)