

Total No. of Pages: 1

5397

Register Number:

Name of the Candidate:

B.Sc. DEGREE EXAMINATION, May 2015

(COMPUTER SCIENCE)

(THIRD YEAR)

(PART-III)

330: COMPUTER NETWORKS

(Common with B.Sc Information Technology and Double Degree)

Time: Three hours

Maximum: 100 marks

SECTION-A

(8×5=40)

Answer any EIGHT questions

1. Explain the uses of computer networks.
2. Explain in detail the need for physical layer.
3. Compare and contrast between star and ring topology.
4. Write detail note on bridges.
5. Explain any one switching techniques.
6. Why we need Virtual circuit? Explain it.
7. Mention the merits and demerits of MAN and VAN.
8. Explain in detail about WAN.
9. Write detail note on terminology of IPVG.
10. Compare and contrast between TCP and IP protocols.

SECTION-B

(3×20=60)

Answer any THREE questions

11. Explain the various layers of OSI reference model in detail.
12. Explain various types of routers and bridges.
13. Briefly explain the circuit switching techniques in detail.
14. Briefly explain the architecture of ATM networks.
15. Discuss the TCP header format in detail with neat diagram.
