

Half Yearly Examination 2020-21

B.C.A. II Year Computer Networks

BCA - 204

Time: 3 Hours

Max. Marks = 80

Min. Marks = 27

Note:- Attempt any two questions from each unit . Each question carries equal marks.

UNIT-I

1. Write a note on line to line configuration.
2. Discuss network topologies in brief.
3. Explain transmission modes in brief.

UNIT-II

1. Describe basics of digital and analog transmission.
2. Discuss DTE-DCE in brief.
3. Write a note on modem.

UNIT-III

1. Write a note on physical layer and application layer.
2. Write a note on data link layer and presentation layer.
3. Write a note on transport layer and session layer.

UNIT-IV

1. Write a note on Arpanet.
2. Discuss TCP/IP model in brief.
3. Write a note on client server model and distributed network.

UNIT-V

1. What do you mean by network security? Write benefits of using it.
2. Discuss symmetric key cryptography.
3. Discuss asymmetric key cryptography.