

W-3814

B.C.A. (Sixth Semester) Examination, June-2020

NETWORKING CONCEPTS

Paper - II

Time : Three Hours

Maximum Marks : 80

Minimum Pass Marks : 32

Note : Attempt **all** questions.

Unit-I

- Q.1. What do you mean by the concept of data communication. Also discuss about its various components. 16

Unit-II

- Q.2. What is Modem? Describe parallel and serial transmission with the help of example and illustration. 16

Unit-III

- Q.3. a) What do you understand by OSI reference model. Describe the function of transport layer of OSI model in detail.
b) List and explain application layer protocols of TCP/IP. 16

Unit-IV

- Q.4. What is framing? Describe in detail the error detecting and correcting codes using example. 16

Unit-V

- Q.5. a) What is ALOHA? Explain pure ALOHA. 16
b) Explain the working of CSMA/CD.

