

Roll No.

57544

**BBA 5th Semester (New Scheme)
Examination – December, 2022**

COMPUTER NETWORKING & INTERNET

Paper : BBAN-504

Time : Three Hours]

[Maximum Marks : 50

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Section – A (Question No. 1) is *compulsory*. Attempt *four* questions from Section – B selecting *one* question from each Unit. All questions carry equal marks.

SECTION – A

1. Discuss the following :

- (a) Internet server
- (b) UDP

(c) Star topology

(d) Hypertext transfer protocol

(e) Computer Network

SECTION – B

UNIT – I

- 2. What are the criteria's necessary for an effective and efficient network ? What are the advantages and disadvantages of network ?
- 3. Define analog and digital signals. Explain why a digital signal requires to undergo a change before transmitting it through a band pass channel.

UNIT – II

- 4. Define OSI model. List its layers and explain their responsibility.

5. (a) Protocols and their classification.

(b) Analyse the role of public and private keys in cryptography.

9. Describe the HTTP protocol and its features with an example.

UNIT – III

6. Why a search engine is popular on internet ? How does it perform searching of information on the web ?

7. What is a Newsgroup ? Discuss various types of newsgroups and their hierarchy. How can one subscribe to a newsgroup ?

UNIT – IV

8. (a) Intranet as a business tool

(b) Identify the technical infrastructure requirements and costs associated with its establishment that an organization has to bear.