

E-3909

B. C. A. (Part-II) EXAMINATION, 2021

(Old Course)

Paper Sixth

COMPUTER NETWORKING AND INTERNET TECHNOLOGY

(BCA -204)

Time: Three Hours]

[Maximum Marks : 100

Note:- Attempt any two parts from each unit. all questions carry equal marks.

UNIT-1

1. a. What is data communication? Explain line configuration.
- b. What is protocol? Describe any two types of protocol and their application.
- c. What is Topology? Explain different types of topology with their advantages and disadvantage.

UNIT-2

2. a. Explain all layers of OSI model.
- b. Differentiate OS I model and TCP/IP reference model.
- c. Write short notes on following :
 - i. Arpanet
 - ii. NSFNET

UNIT-3

3. a. Write difference between Analog and Digital transmission.
- b. What is modulation? Describe modem transmission rate and modem standard.
- c. Write short notes on : -
 - i. DTE-DCE Interface
 - ii. Analog Transmission

UNIT-4

4. a. Explain client sever model in brief.
- b. Discuss any three HTML tag for creating tables.
- c. Write short notes on CGI scripting.

UNIT-5

5. a. Write the features of Java programming language and explain applet life cycle.
- b. Write HTML tags for defining styles.
- c. Explain structures of Java-script.
