

J-279

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

COMPUTER NETWORKING AND INTERNET TECHNOLOGY

Time Allowed : Three Hours

Maximum Marks : 100

Minimum Pass Marks : 40

Note: Attempt one question from each units. Each question carry equal marks.

UNIT-I

Q. 1. What is Computer Network? Explain the various types of network topologies with the help of diagram. 20

OR

What is communication protocols? Explain various types of protocols.

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(2)

UNIT-II

Q. 2. What do you mean by OSI reference model? Explain with layered architecture. 20

OR

Explain the TCP/IP suit model with layered architecture.

UNIT-III

Q. 3. What is Data Communication Signals? Explain the digital and analog signal with suitable example. 20

OR

Explain the following :

- (i) Modem Standard
- (ii) Serial and parallel data transmission

UNIT-IV

Q. 4. What is Internet? Explain the client server model with suitable example. 20

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OR

What is HTML? Explain the basic required tags used in HTML with the help of syntax and proper examples.

UNIT-V

Q. 5. Write short notes on : **20**

- (i) Java Applet
- (ii) Java Script
- (iii) Dynamic HTML

OR

- (a) Style sheet
- (b) Web server
- (c) Case studies