Roll No. ....

DD–2867

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

Paper Sixth

COMPUTER NETWORK AND INTERNET
TECHNOLOGY

Time : Three Hours

Maximum Marks : 100

Minimum Pass Marks : 40

Note : Attempt any *two* parts from each question. All questions carry equal marks.

Unit—I

1. (a) What is network topology ? Differentiate between star and ring topology.

   (b) Explain network criteria and its application in brief.

   (c) What is data communication ? Explain line configuration.

Unit—II

2. (a) Describe OSI Model in brief.

   (b) Write short notes on the following :

   (i) ARPANET

   (ii) NSFNET

   (c) Explain Internet layer in TCP/IP model in details.

P. T. O.

Unit—III

3. (a) Explain analog and digital data transmission.

   (b) What is modem ? Explain its standards.

   (c) Describe digital to analog conversion.

Unit—IV

4. (a) What is web server ? Explain with example the publishing of a website.

   (b) How to insert Image in HTML page ? Explain its attribute with suitable example.

   (c) How to draw a frame in HTML. Explain with suitable example.

Unit—V

5. (a) What is Java Applet ? How to add a Java applet in HTML. Explain with example.

   (b) Explain any five command of Java script.

   (c) What is web server ? Explain feature of style sheet.

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