

Roll No. ....

# DD-2867

## B. C. A. (Part II) EXAMINATION, 2020

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) Differentiate among LAN, MAN and WAN.  
(b) What is protocol ? Explain its standards.  
(c) Explain data transmission mode.

### Unit—II

2. (a) Describe TCP/IP model in brief.  
(b) What is Novell Netware ? Explain its features.  
(c) How does application layer work in OSI model ? Explain in brief.

### Unit—III

3. (a) Differentiate between serial and parallel data transmission.

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- (b) What is Modems ? Explain its working mechanism.
- (c) Describe the DTE-DCE interface.

### Unit—IV

4. (a) What is HTML ? Explain any *five* HTML tags with example.  
(b) Explain the Internet architecture in brief.  
(c) What is CGI ? Explain its feature in detail.

### Unit—V

5. (a) What is DHTML ? Explain with suitable example.  
(b) Define CSS. Explain, how to set the text color of an element.  
(c) Explain the structure of Java Script. Write a Java Script to calculate sum of any *two* numbers.

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