

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.

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**

- (a) Differentiate between serial and parallel transmission.

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