

Roll No. ....

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**D-3836**

**B. C. A. (Part I) EXAMINATION, 2020**

(New Course)

WEB TECHNOLOGY AND E-COMMERCE

(BCA-105)

Time : Three Hours ]

[ Maximum Marks : 80

[ Minimum Pass Marks : 27

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

**Unit-I**

1. (a) What is Internet Protocol ? Explain any *three* protocols in brief.
- (b) What is the history of Internet ? Explain some Internet services.
- (c) Write short notes on the following :
  - (i) Search Engine
  - (ii) DNS

**Unit-II**

2. (a) Explain any *eight* HTML tags.
- (b) How can we create hyperlink in a Web page ? Write steps to apply Hyperlink Targets to a frame.

- (c) Write short notes on the following :
  - (i) Frame
  - (ii) HTML control

**Unit-III**

3. (a) What is style sheet ? Explain any *two* types of style sheets.
- (b) How many types of language elements and operators found in java script ?
- (c) Differentiate client side and server side java script.

**Unit-IV**

4. (a) Write a program to find out factorial of a given number.
- (b) What is control statements ? Explain by suitable example.
- (c) Write a program to show the use of string function.

**Unit-V**

5. (a) Define E-Commerce and what are the security threats associated with E-Commerce ?
- (b) Explain B2B and C2C E-Commerce with suitable example.
- (c) Write short notes on the following :
  - (i) E-Payment
  - (ii) E-Market

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