

Roll No.

E-3894

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

(New Course)

WEB TECHNOLOGY AND E-COMMERCE

(BCA-105)

Time : Three Hours]

[Maximum Marks : 80

[Minimum Pass Marks : 27

Note : Attempt any *two* Parts from each Unit. All questions carry equal marks.

Unit—I

1. (a) Write short notes on the following :

- (i) WWW
- (ii) Search engine
- (iii) Web browser
- (iv) TELNET

P. T. O.

- (b) Explain domain name system (DNS) and Internet service provider in brief.
- (c) Explain OSI and TCP/IP model in detail.

Unit—II

- 2. (a) Explain internal and external hyperlinking with example.
- (b) Explain <from> tag with example.
- (c) Explain <table> tag with example.

Unit—III

- 3. (a) Explain DHTML document object model.
- (b) Write short notes on the following :
 - (i) Cascading style sheets
 - (ii) VB script
- (c) Explain function in Javascript and objects of Java script in detail.

Unit—IV

- 4. (a) Write down steps to accessing database through PHP with example.
- (b) Explain the following PHP functions :
 - (i) fprintf ()
 - (ii) rtrim ()
 - (iii) strchr ()
 - (iv) substr ()
- (c) Explain the features of PHP.

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Unit—V

5. (a) Define E-commerce and scope of E-commerce.
- (b) Explain E-payment system and security threats with E-commerce.
- (c) Explain the types of E-commerce.