

Roll No.

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B. Sc. (Part III) EXAMINATION, 2019

(New Course)

(Vocational Course)

INFORMATION TECHNOLOGY

Paper Third

(Visual Programming and Web Technology)

Time : Three Hours] [Maximum Marks : 50

Note : Attempt questions from all Sections as directed.

Inst. : The candidates are required to answer only in serial order. If there are many parts of a question, answer them in continuation.

Section—A

(Short Answer Type Questions)

Note : All questions are compulsory. Each question carries 3 marks.

- 1 (A) What is MS-Window ? What are the different types of windows displayed in GUI ?
- (B) What is the role of Visual Basic Integrated Development Environment (VBIDE) in visual basic programming ?

(A-27) P. T. O.

- (C) What is the purpose of a dialog box ?
- (D) How do list boxes and combo boxes differ from each other ?
- (E) Which language is mostly used with HTML to provide programmatic functions within web pages ? What kind of functions can be performed with this language that HTML alone cannot do ?
- (F) Discuss e-Commerce security issues.

Section—B

(Long Answer Type Questions)

Note : Attempt any two questions. Each question carries 8 marks.

2. (a) What is Visual Basic ? What are the major components of Visual Basic ?
- (b) Explain the following terms :
 - (i) Forms
 - (ii) Controls
 - (iii) Objects
 - (iv) Properties
3. (a) What is the purpose of a comment within a visual basic program ? How are comments written ?
- (b) Write down general form and explain the following :
 - (i) Do loop
 - (ii) Do while loop

(A-27)

4. Write down importance of visual basic control tools and explain applications of the following Toolbox control tools :

- (a) Command Button
- (b) List Box
- (c) OLE container
- (d) Combo Box

5. (a) Write down important functions of Data Grid Control. <http://www.csjmuonline.com>
- (b) "Crystal Reports are more popular than Micro-Soft Data Report." Discuss.

Section—C

(Long Answer Type Questions)

Note : Attempt any *two* questions. Each question carries 8 marks.

6. (a) What do you mean by Web Page and Website ? Write down different phases of Web page design.
- (b) What is protocol ? Explain functions of the following protocols :
- (i) HTTP
 - (ii) TCP/IP
 - (iii) POP3
 - (iv) FTP

7. (a) What is HTML ? Write down complete procedure to create HTML file and save it.
- (b) What is simplest way to provide access to multimedia content within web page ?
8. (a) Explain B2B and B2C e-Commerce.
- (b) Explain advantages of EDI and its applications in business.
9. What is information security as applied to computers and networks ? Write down e-Commerce security architecture.

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