

Roll No.

Total No. of Questions : 9] [Total No. of Printed Pages : 4
(2042)

**B.C.A. (CBCS) RUSA IVth Semester
Examination**

3752

PROGRAMMING IN VISUAL BASIC

Paper : BCA-0405

Time : 3 Hours]

[Maximum Marks : 70

Note :- Attempt five questions in all, selecting one question from each Part. Q. No. 1 (Part A) is compulsory.

Part-A

(Compulsory Question)

☐ I. (A) Do as directed.

(i) Who developed Visual Basic ?

(a) Sybase

(b) Ashton-Tate

(c) Symantec

(d) Microsoft

CH-719

(1)

Turn Over

(ii) In the Visual Basic application, which of the following are listed in a properties window ?

- (a) Attributes (b) Values
(c) Items (d) Objects

(iii) Which of the following methods is used to sort an array in visual basic ?

- (a) Array.arrayArrange()
(b) Array.sortAscending()
(c) Array.Sort()
(d) Array.arrange()

(iv) Which of the following is used to display a message box in Visual Basic ?

- (a) MessageBox.show
(b) MessageBox.Show
(c) MessageBox
(d) AlertBox.View

(v) Which of the following sections is used to make text appear around the image ?

- (a) Align
(b) Text style
(c) Image properties
(d) Wrapping style

(vi) The process of locating and correcting the bugs in a program is referred to as

(vii) A form is saved with extension

(viii) A local declaration allows a variable to be accessible to any code in the Form class. (True/False)

(ix) Debugging is the process of getting an application to work correctly. (True/False)

(x) What is string ? $1 \times 10 = 10$

(B) Write short notes on the following :

(i) Write short notes on .NET Framework.

(ii) What is the use of my feature in VB ?

(iii) What are logical operator in VB ?

(iv) Write short note on radio button.

(v) Discuss StringBuilder Class used in Visual Basic. $4 \times 5 = 20$

Part-B (Unit-I)

10 each

2. What is Visual Basic ? Explain the various features of Visual Basic.

3. Discuss the basic rules to write Visual Basic code to develop an application. Also discuss code snippets.

CH-719

(3)

Turn Over

CH-719

(2)

Part-C (Unit-II) 10 each

4. What are data types ? Discuss built in data types of Visual Basic in detail.
5. What are various looping statements used in Visual Basic ? Discuss each by taking suitable example.

Part-D (Unit-III) 10 each

6. (a) Describe MsgBox() function in detail.
(b) How to add and remove Event wiring ?
7. How to catch and handle exceptions using Try-Catch-Finally statements ?

Part-E (Unit-IV) 10 each

8. (i) What is rectangular array ? Discuss steps to create rectangular array in Visual Basic.
(ii) Describe methods for performing operations on date and time.
9. What are Debugging Windows ? Explain the usage of locals and autos window to monitor variables.