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

(2043)

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

4214

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)

1. (A) Do as directed :

    (i)   Which of the following extensions is used to represent the project file in Visual Basic ?

    (a) .vb   (b) .vbp

    (c) .cls   (d) .vvb

(ii) Which of the following is commonly used to perform an immediate action when clicked in Visual Studio ?

    (a) End   (b) Close

    . (c) Button control   (d) Exit

(iii) Object respond to an event by writing ....

    (a) Defining events

    . (b) Event procedures

    (c) Defining actions

    (d) Operations

(iv) Which of the following property is used to specify a combo box's style in Visual Basic ?

    (a) DropDownStyle

    (b) ComboBoxStyle

    . (c) Style

    (d) DropStyle

(v) Frame control acts as a ....

    (a) Event   (b) Container

    (c) Class   (d) Method

(vi) _k_............ operators allow you to combine two or more conditions into one compound condition.

(vii) In Visual Basic all the controls are available on ...?...j......... .

(viii) The value of a declared constant can be changed anywhere in the program code.

                        (True/False)

(ix) More than one checkbox can be selected at a time.   (True/False)

(x) List out arithmetic operators.   1×10=10

(B) Write short notes on the following :

    (i) Write Steps to create a new VB projects.

    (ii) What are Constants ? How do declare and initialize constants in VB ?

    (iii) What is type conversion ?

    (iv) What are break points ?

    (v) What are collection classes ?   4×5=20

Part–B (Unit–I)   10 each

2. What is Visual Studio ? Discuss its elements in detail.

3. Discuss common properties for Forms and Controls in Visual Basic.

Part–C (Unit–II)   10 each

4. (i) Explain Visual Basic functions to convert data types.

   (ii) Define Variable. How variable declare and initialize ?

5. Discuss select case statement in detail with suitable example.

Part–D (Unit–III)   10 each

6. Define Event. Explain event handler with suitable example.

7. What is Data Validation ? How to validate a single data entry ?

Part–E (Unit–IV)   10 each

8. (i) What is Jagged Array ? How to create a Jagged array ?

   (ii) Explain date time methods for formatting a date or time.

9. Discuss with the help of suitable example to add items to listbox and combobox in Visual Basic Project.

CA–750   (4)