

Total No. of Questions : 9]  
(1049)

Roll No. ....

[Total No. of Printed Pages : 3

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

**4394**

**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**

1. (i) ✓(a) Write any *four* components of visual basic IDE.
- ✓(b) Define labels.
- ✓(c) What do you understand by built in function ?
- ✓(d) Define check box.
- ✓(e) What is the variant data type ?

- (f) List any **two** menu flags ?
- (g) What is the purpose of B search () function ?
- ✓(h) Describe any *four* features of Visual Basics.
- ✓(i) Define casting in VB.
- (j) What do you understand by build in function ? 1×10=10
- (ii) (a) Explain procedures in VB, with suitable example.
- (b) What are the various graphic controls available in VB ? Explain their use in animation creation.
- (c) How control array is created and used ?
- ✓(d) Explain difference between image control and picture control ?
- (e) Explain the difference between validating events and masked text boxes. 4×5=20

### Part-B

10 each

2. What are the operators in VB ? Explain its types with suitable examples.

✓3. Explain the difference between .NET language and Visual Basics.

### Part-C

10 each

4. Write short notes on the following :

- (a) Exceptional handling
  - (b) Debugging techniques for programs with loops.
5. Explain different types of properties and application of visual basic.

### Part-D

10 each

6. In a tabular form differentiate between the following :

(a) Image control and picture control

(b) Call by value and call by reference

7. Define one dimensional array. Write VB program to find even number from array.

### Part-E

10 each

8. What are procedures and functions in Visual Basics ?  
Explain with syntax and example.

9. Explain suitable scenario in which the purpose of control boxes like group boxes, radio buttons, list boxes and combo boxes are suitably used.