

Roll No.

Total No. of Questions : 9]
(1049)

[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 ?

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Turn Over

- (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.

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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.

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