Total No. of Questions : 9]   [Total No. of Printed Pages : 3

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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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(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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