BCA-11

June - Examination 2026
BCA (Part-II) Examination
Programming in Visual Basic
Paper : BCA-11

[*Time: **3** Hours*] [*Maximum Marks: **70***]

Note :- The question paper is divided into three Sections A, B and C. Write answers as per the given instructions in each section.

Section-A **7×2=14**

(Very Short Answer Type Questions)

Note :- Answer **all** questions. As per the nature of the question delimit your answer in one word, one sentence or maximum up to **30** words. Each question carries **2** marks.

1. (i) Identify the use of Visual Basic.

   (ii) Write the full form of GUI.

   (iii) What is the use of Dialog Box?

   (iv) Write five String Operations.

   (v) Identify the role of Grid Control.

   (vi) What is an Event in Visual Basic?

   (vii) Define IDE in Visual Basic.

Section-B **4×7=28**

(Short Answer Type Questions)

Note :- Answer **any four** questions. You have to delimit your each answer maximum up to **200** words. Each question carries **7** marks.

2. Explain various data types available in Visual Basic.

3. Explain one-dimensional and multidimensional arrays with examples.

4. Compare the Properties, Methods, and Events of a Form.

5. Explain the scope of variables in Visual Basic.

6. Explain ODBC and its role in Database Connectivity.

7. Explain the concept of Event-Driven Programming in Visual Basic.

8. Describe any five Built-in string functions in Visual Basic with example.

9. Describe the steps required to activate and use ADODC control.

Section-C

2×14=28

(Long Answer Type Questions)

Note :- Answer **any two** questions. You have to delimit your each answer maximum up to **500** words. Each question carries **14** marks.

10. Explain the components of the Visual Basic IDE in detail with suitable diagrams.

11. Explain the complete process of compiling, debugging, and executing a Visual Basic Program.

12. Explain the process of creating MDI Parent and Child Forms in Visual Basic with examples.

13. Discuss file handling in Visual Basic and explain sequential file operations with suitable examples.
