8. What is Data Type ? List various data type a available in visual basic. How a variable is declared in visual basic ? Also, explain types of variable declaration in visual basic.

9. What do you mean by GUI ? What is IDE ? Explain it all components. List various features and advantages of visual basic. Explain, how will you compile visual basic program ?

BCA-11

December – Examination 2021

BCA (Part II) Examination

Programming in Visual Basic

Paper : BCA-11

Time : 1½ Hours]   [*Maximum Marks : 70*

Note :– The question paper is divided into two Sections A and B. Write answers as per the given instructions.

Section–A   4×3½=14

(Very Short Answer Type Questions)

Note :– Answer any *four* 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 3½ marks.

1. (i)   What are the various editions of Visual Basic ?

   (ii) State the object naming conventions.

(iii) Define seltext and sellength properties of text box.

(iv) How scope of variable is defined ?

(v) Write about pop-up menu.

(vi) What is List Box ?

(vii) What methods are used to handle errors ?

(viii) Define Message Box with example.

Section–B   4×14=56

(Short Answer Type Questions)

Note :– Answer any *four* questions. Answer should not exceed **200** words. Each question carries 14 marks.

2. What is File ? Explain any *three* functions or statements used in Sequential File Handling. Also, write a program to demonstrate Binary File Handling.

3. What is Object ? Explain, how we can initialize an object in class and how do you create an object from a class ? Also, explain Class Initialize Event and Class Terminate Event.

4. What do you understand by the following ?
   (i) OLE
   (ii) Linked Object
   (iii) Embedded Object

   What does an OLE container control do ? Explain OLE auto size and basic properties of OLE container control.

5. What is AODC ? Define the set of steps to control the ADODC. How can we navigate the records ? Explain the procedure to add a record and the record set with properties.

6. What do you understand by Flex Grid Control in VB ? Describe the MS Flex Grid Control. What is the syntax of scroll bar in flex grid ? Differentiate between Modal Dialog Box and Modeless Dialog Box.

7. What is a Sub-menu ? What is default location behaviours of a pop-up or short-cut menu ? Create a menu bar for insert a blank record, save the record, delete a record and close the project.