

- N. B.: (1) Question **No. 1** is **compulsory**.
 (2) Attempt **any four** from Question Nos. **2 to 7**.
 (3) **Make** suitable **assumptions** wherever necessary and **state** the **assumptions** made.
 (4) **Answers** to the **same question** must be written **together**.
 (5) **Numbers** to the **right indicate marks**.
 (6) **Draw** neat **labeled diagrams** wherever **necessary**.

- Q1 a. What is run time property and design time property? How do we set them? 5
 b. Explain the concept of message box. 5
 c. What is the difference between a VB Project file and data file? 5
 d. Explain the difference between output and append mode. 5
- Q2 a. Explain the different types of procedures in visual basics. 6
 b. What are the naming rules and conventions that we follow to declare a variable? 6
 c. Explain the following properties and methods of a combo box 8
 (i) Style (ii) ItemData() (iii)ListIndex (iv) AddItem()
- Q3 a. Explain the following controls with any 2 properties and events : 6
 (i) Textbox (ii) Command Button
 b. What is loop? Explain do...while loop with suitable example. 6
 c. What do you mean by common dialog box? Explain its methods. 8
- Q4 a. Explain the difference between ByVal and ByRef with example. 6
 b. What do you mean by Hide and Show methods of a form? Give their syntax. 6
 c. Differentiate between for loop and for each loop with suitable examples. 8
- Q5 a. Explain the difference between outputs and append mode. 6
 b. What is control array? Explain its use with suitable example? 6
 c. Discuss the use of the following functions with examples 8
 (i) LOF()
 (ii) FormatNumber()
 (iii)LTrim ()
 (iv)Seek()
- Q6 a. What is recordset? Explain its types? 6
 b. Explain the user defined data types in Visual Basic. 6
 c. Create visual basic application to perform the following operations on the records 8
 of students.
 Insert, Update, Delete, Next, Previous
- Q7 a. Discuss the concept of early binding and late binding. 6
 b. Explain with examples different error handling methods in Visual Basic. 6
 c. Write output of the following string handling functions 8
 (i) Len ("Phrase") (v) Instr(1, "Visual Basic", " Basic")
 (ii) Right ("Phrase", n) (vi)Ucase("Visual Basic")
 (iii)Left("Phrase", n) (vii) Asc("A")
 (iv)Mid("Visual Basic", 3, 6) (viii) Trim (" Visual Basic ")
