

**CDOE**  
**BACHELOR OF COMPUTER APPLICATIONS**  
**B.C.A. Sem-IV : WINTER :- 2021**  
**SUBJECT: VISUAL PROGRAMMING**

**Day : Monday**  
**Date 21-02-2022**

**W-5337-2021**

**Time : 02:00 PM-05:00 PM**  
**Max. Marks: 80**

**N.B.:**

- 1) Attempt **ANY FIVE** questions from Section – I and **ANY TWO** questions from Section – II.
- 2) Answers to both the sections should be written in **SEPARATE** answer books.
- 3) Figures to the right indicate **FULL** marks.

**SECTION – I**

- Q.1** What is visual programming? Discuss features of VB in details. **[10]**
- Q.2** Discuss various data types present in visual programming context. **[10]**
- Q.3** Elaborate the functionalities of: **[10]**  
a) Check Box Control      c) Label Control      e) Option Button control  
b) Frame Control      d) Text box Control
- Q.4** Illustrate working with functions mentioned below: **[10]**  
a) String Functions      b) Data type conversion Function
- Q.5** “VB Programming handle error very effectively”. Justify with suitable example. **[10]**
- Q.6** How does control statements helps in VB Program writing? Discuss with appropriate example. **[10]**
- Q.7** Write short notes on **ANY TWO** of the following: **[10]**  
a) Jet DAO  
b) SQL queries in VB  
c) Data controls

**SECTION – II**

- Q.8** Design a VB application to perform following functionalities for banking: **[15]**  
a) Customer details.  
b) Deposit money  
c) Withdraw money
- Q.9** Design a form for Student Information System to perform ADD, SAVE, CANCEL, UPDATE and DELETE operations on data with the help of ADO control and code. **[15]**
- Q.10** Design a form with VB code to convert input given in decimal form in: **[15]**  
a) Octal      b) Binary      c) Hexadecimal format

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