(4)　　　　**Code No. : 02/117**

Unit - V

Q.4 A. What is Crystal Report?　　　　**(2)**

Q.4 B. How to use Calender in VB?　　　　**(2)**

Q.4 C. Explain data and time control with the help of program.　　**(4)**

OR

Explain print dialog.

Q.4 D. Write a VB program to print student marksheet.　　**(12)**

OR

Short note :

(i) Data Report　　(ii) MDI　　(iii) Mouse Events

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Total No. of Unit　　: 04
Total No. of Printed Pages : 05

Code No. : 02/117

Second Semester Examination, May 2019

PGDCA

Paper - I

GUI PROGRAMMING IN VISUAL BASIC

Time : 3 Hrs.　　　　　　　　**Max. Marks : 100**

- Part A and B of each question in each unit consist of very short answer type questions which are to be answered in one or two sentences.
  Part C (Short answer type) of each question should be answered in 200-250 words.
- Part D (Long answer type) of each question should be answered within the word limit 400-450.

Unit - I

Q.1 A. What is event?　　　　**(2)**

Q.1 B. What is form?　　　　**(2)**

Q.1 C. Explain the following function :　　　　**(4)**

(i) Msg Box

(ii) Input Box

OR

Explain any two events with help of programming.

Q.1 D. What is GUI? Draw user interface for student information.　　**(12)**

P.T.O.

OR

What is property window? Explain any ten properties and their description of any control.

Unit - II

Q.2 A. What is variable? **(2)**

Q.2 B. Explain the logical operators. **(2)**

Q.2 C. Differentiate between if .... then and select case statements. **(4)**

OR

Write VB program to print a multiplication table of any number

Q.2 D. Explain the different types of loops with the help of programs. **(12)**

OR

Write a VB program to print the following pattern.

(i)   1
2 2
3 3 3
4 4 4 4

(ii)   *
* * *
* * * * *
* * * * * * *

Unit - III

Q.3 A. What is debugging? **(2)**

Q.3 B. What is validation? **(2)**

Q.3 C. Explain different types of errors. **(4)**

OR

Explain different types of error handling styles.

Q.3 D. Explain the following : **(12)**

(i)   Debug toolbar

(ii)   Tracing program flow with the call stack.

OR

What is combo box? List its properties and methods with the help of a program.

Unit - IV

Q.4 A. What is file? **(2)**

Q.4 B. What is SQL? **(2)**

Q.4 C. Differentiate between sequential and random file. **(4)**

OR

Explain the steps to make connectivity with database.

Q.4 D. Write a program to Add, Delete and Update database with the help of VB Form. The form contains the name of student, Date of Birth, Class, Sem/Year and Address. **(12)**

OR

Explain the following :

(i) ADO   (ii) DAO   (ii) RDO **P.T.O.**