

Code No. : 02/117

**Unit - V**

**Second Semester Examination, May 2019**

- 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)

**PGDCA**

**Paper - I**

**OR**

**GUI PROGRAMMING IN VISUAL BASIC**

Explain print dialog.

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

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

- 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.

**OR**

Short note :

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

**Unit - I**

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- 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)

**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.**