(4)   **Code No. : 02/117(A)**

Q.5 Establish the connection between MS-access database and Visual Basic.

OR

Design and develop Rocket launch project in VB using timer control. Image of rocket should be inserted in the picture box.

---x---

Roll No......................

Total No. of Sections   : 03
Total No. of Printed Pages : 04

Code No. : 02/117(A)

Second Semester Examination, May-2018

PGDCA

Paper - I

GUI - PROGRAMMING IN VISUAL BASIC

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

Note : Section 'A' consists of 10 very short answer type questions, all of which are compulsory and should be attempted first. Section 'B' consists of four short answer type questions with internal options. Section 'C' consists of four long answer type questions with internal choice.

Section - 'A'

Answer the following very short-answer-type questions in one or two sentences :   (2×10=20)

Q.1 What is project in VB? Write extension name for it.

Q.2 How can you print the designed form in VB?

Q.3 Define variable. How can declare the global variable in VB?

Q.4 List out logical operators provided in visual basic.

Q.5 Write the utility of status bar in VB.

Q.6 What is the Err object? Write its use.

Q.7 Write is the full form of SQL. What is SQL used for?

Q.8 What is data control? Write its two importances.

Q.9 Write steps for adding data report in the designer of project explorer.

Q.10 Write steps for including the calendar tool in the toolbox.

P.T.O.

Section - 'B'

Answer the following short-answer-type questions with word limit 200-250 :   **(6 5=30)**

Q.1   Explain automatic code completion features of Visual Basic.

OR

Explain the concept of modules with example.

Q.2   What are constants? Discuss different types of it in VB?

OR

Write a program in Visual Basic to print the given pattern:

1

2 2

3 3 3

4 4 4 4

Using nested for loop.

Q.3   What are option button and frame control? How to compare option button and check box?

OR

Discuss different types of errors in the Visual Basic.

Q.4   What do you mean by sequential access file? Discuss input, output and append modes.

OR

Explain Active-X data objects.

Q.5   Explain the relationship between MDI form and Menu Editor.

OR

What is data environment designer? How to connect it with provider, data source and record source.

Section - 'C'

Answer the following long-answer-type questions with word limit 400-450 :   **(10 5=50)**

Q.1   Describe different editions of visual basic.

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OR

Explain the terms objects, properties, methods and events.

Q.2   Write a program in VB to search an element of static array.

OR

What is select case statement? Discuss switch condition, case levels and default statement.

Q.3   Compare combo box and list box in detail.

OR

Explain the uses of watch window and local window.

Q.4   What is random access file? How to read and write records in this file?

OR

Write brief note on data form wizard.