

Roll No.....

Total No. of Sections : 03

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Code No. : C-197

Annual Examination - 2019

B.C.A. Part - I

BCA 105

PROGRAMMING IN VISUAL BASIC

Max.Marks : 50

Time : 3 Hrs.

Min.Marks : 20

Note : Section 'A', containing 10 very short-answer-type questions, is compulsory. Section 'B' consists of short answer type questions and Section 'C' consists of long answer type questions. Section 'A' has to be solved first.

Section - 'A'

Answer the following very short-answer-type questions in one or two sentences : (1 × 10=10)

- Q.1 What is data type?
- Q.2 Why we are using input box function?
- Q.3 What is subroutine?
- Q.4 What is class module?
- Q.5 What do you mean by MDI?
- Q.6 Define tool bar.
- Q.7 How many types of error are present in VB?
- Q.8 Write syntax for opening a sequential access file.

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- Q.9 What is recordset?
Q.10 What do you mean by data report?

Section - 'B'

Answer the following short-answer-type questions with word limit 150-200 : (3 5=15)

- Q.1 Write a VB code to check whether given number is prime or not.

OR

Explain select case statement.

- Q.2 Discuss any 3 string functions.

OR

Explain library function in VB.

- Q.3 Write short note on menus.

OR

Write a code for button click event to find out even or odd number and display output on msgbox.

- Q.4 Write short note on error trapping tools.

OR

What do you mean by error? Explain error handling in short.

- Q.5 Distinguish among ADO, DAO and RDO.

OR

How do you access and manipulate database using ADO? Explain it.

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Section - 'C'

Answer the following long-answer-type questions with word limit 300-350 : (5 5=25)

- Q.1 What is form? Write steps to create executable files in VB project.

OR

Define branching? Explain if-else statement with example.

- Q.2 Discuss the concept of Recursion. Give suitable example.

OR

Explain the difference between procedure and function.

- Q.3 What are the various graphics control available in VB? Explain.

OR

Write steps to create menu bar having option circle, rectangle and will give area of selected menu option.

- Q.4 Describe sequential access file handling technique and write a vb code to print contents of file.

OR

What is err object? Explain the error function in VB.

- Q.5 What do you mean by Active-X control? Write proper steps for database connectivity.

OR

How can one access data using data environment? What are the things that can be done quickly doing by Data environment objects.

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