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Total No. of Sections : 03

Total No. of Printed Pages : 04

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Annual Examination - 2018

BCA 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 Write any two windows used in Visual Basic IDE.
- Q.2 Write the syntax of for...next statement.
- Q.3 Define array in VB.
- Q.4 What do you mean by procedure?
- Q.5 What is meant by reusability?
- Q.6 What is dtpicker?
- Q.7 What do you mean by appending in file?
- Q.8 What is immediate window ?
- Q.9 Write full form of RDO and DAO.
- Q.10 What is crystal report writer?

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Section - 'B'

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

Q.1 Write the data types used in VB along with it's size.

OR

Explain the control structures used in Visual Basic.

Q.2 Write a program in VB to find the addition and subtraction of any two numbers using function.

OR

What is an array? How string is different from array?

Q.3 Write a program in VB to create a calendar.

OR

Write the steps of creating MDI form and MDI child forms.

Q.4 What are the types of errors available in VB? Explain handling of errors.

OR

Explain the types of file handling system in Visual Basic.

Q.5 What is the use of database? How to create a table with primary Key? Explain step by step process.

OR

What is the use of data report? Explain the data report functions.

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Section - 'C'

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

Q.1 Write a program in Visual Basic to check whether the given number is palindrome or not.

OR

Explain do.....while and for...next statement with example.

Q.2 What is an argument? How are arguments used in Visual Basic?

OR

Differentiate between call by value and call by reference with suitable example.

× Q.3 How to use animation control with audio and video in Visual Basic?

OR

Explain Popup menu, Menu editor and Tool bar.

Q.4 What is debug? How does debug menu work in VB?

OR

Differentiate between sequential and random access file handling.

Q.5 How can you define dataset structure? Explain relationship between classes in a dataset.

OR

How Visual Basic can be connected to SQL? Write step by step procedure of connection with VB to backend.

P.T.O.