

Roll No.....

Total No. of Sections : 03

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**Code No. : B-339**

**Annual Examination - 2018**

**B.Com. Part-III**

**COMPUTER APPLICATION**

**Paper - I**

**PROGRAMMING IN VISUAL BASIC**

**Max.Marks : 50**

**Time : 3 Hrs.**

**Min.Marks : 17**

**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 meant by event driven programming?
- Q.2 What is an object in Visual Basic?
- Q.3 Define array.
- Q.4 Name the types of control in VB.
- Q.5 What is meant by run time error?
- Q.6 Write the main difference between call by reference and call by value.
- Q.7 What is MDI and SDI?

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(2)

Code No. : B-339

- Q.8 Mention one property of File Dialogue Box.  
Q.9 Write the full form of DAO and RDO.  
Q.10 Name the main Components of Data Report Designer.

**Section - 'B'**

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

- Q.1 Comment on date and time function.

**OR**

Explain manipulating text strings.

- Q.2 How advanced control is different from standard control?  
Explain Active X controls.

**OR**

Explain the following: Combo box, List box and Option buttons.

- Q.3 Define procedure. What are the various types of procedures?

**OR**

Under what condition immediate windows are used in VB.

- Q.4 Write note on Multiple Document Interface.

**OR**

Explain Grid control.

- Q.5 Write note on Crystal Report Generator.

**OR**

Write the steps for creating database connection with DAO.

(3)

Code No. : B-339

**Section - 'C'**

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

- Q.1 Discuss the basic data types of Visual Basic. Explain the importance of the property window in IDE.

**OR**

Explain Visual Basic environment and the structure of VB application. Also explain various VB data types with example.

- Q.2 What are the different types of arrays? Also explain dynamic arrays.

**OR**

Explain the various decision structures that are available in VB with necessary examples.

- Q.3 What are types of errors? Explain how will you trap run time error and solve it?

**OR**

What is the difference between function and procedure? Explain the two basic types of function with suitable example.

- Q.4 Distinguish between Sequential and Random files. What is meant by extended text editor?

**OR**

How can we read/write in a random access file? Write a program to merge the contents of file 1 and file 2 to file3.

- Q.5 Explain Structured Query Language? What are the different types of SQL statements ? Explain using examples.

**OR**

What is data control? Write the steps for creating data link in ADO.