

Roll No.....

Total No. of Sections : 03

Total No. of Printed Pages : 03

**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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- 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.

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**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.  
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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.