

7. Explain the following :
- (a) Accessing database in VB 8
- (b) Using Debugging Windows. 7

Unit IV

8. What is meant by Active-X control ? Illustrate the utility of the following through suitable examples : 15
- (a) TextBox Control
- (b) ListBox Control
- (c) ComboBox Control.
9. Explain the following :
- (a) Crystal Reports 8
- (b) Arithmetic Operations. 7

No. of Printed Pages : 04

Roll No.

BB-346

Dual Degree B.Sc. (Hons.)

EXAMINATION, May 2018

(Second Semester)

(Main & Re-appear)

MATHEMATICS

MAT222H

PROGRAMMING IN VISUAL BASIC

Time : 3 Hours]

[Maximum Marks : 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Q. No. 1 which is compulsory and *one* question from each Unit. All questions carry equal marks.

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P.T.O.

1. (a) What are naming conventions for variables and constants in VB ? **3**
- (b) How do you compare strings in VB ? Illustrate. **3**
- (c) How do you compile and debug a VB program ? **3**
- (d) What are default and cancel property ? Outline their significance. **3**
- (e) What is Val function ? **3**

Unit I

2. What is meant by visual program design ? Enumerate the elements in the Visual Basic environment and explain the purpose of each. **15**
3. Explain the following :
 - (a) VB as GUI design tool **7**
 - (b) Control Structures. **8**

Unit II

4. (a) What are Command Buttons ? How do you create in Visual Basic ? Illustrate. **8**
- (b) How do you create Text Boxes in VB ? Explain. **7**
5. How do you make use of the following in Visual Basic ? Illustrate : **15**
 - (a) Frames
 - (b) Timer Control
 - (c) Scroll Bars.

Unit III

6. (a) How are menus created in Visual Basic ? Illustrate all the steps involved in it. **8**
- (b) What do you mean by VB dialog ? How can it be encapsulated ? Illustrate. **7**