

**GUJARAT TECHNOLOGICAL UNIVERSITY****BE - SEMESTER- V(OLD) EXAMINATION – SUMMER 2019****Subject Code:150706****Date:17/06/2019****Subject Name:Visual Basic Application & Programming****Time:02:30 PM TO 05:00 PM****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) Differentiate VB and VBA. Also explain VBA in detail. **07**  
(b) What is event ? Explain various types of events with example programme. **07**
- Q.2** (a) What is code Stepping ? Explain the working Step Into and Step over tools. **07**  
(b) Compare Check box and Option Box with example. **07**
- OR**
- (b) List out various visual basic controls and explain any three. **07**
- Q.3** (a) Design an application which makes use of Timer. **07**  
(b) Write a VBA code for storing and displaying 10 numbers in an array. **07**
- OR**
- Q.3** (a) Define following terms with example. 1. Lostfocus event 2. Setfocus event. **07**  
(b) Write a VB Programme to implement Fibonacci series using do and for loop . **07**  
Assume suitable user interface and input parameters.
- Q.4** (a) What is function ? Write a programme to demonstrate it. **07**  
(b) What is Procedure ? Write a programme to demonstrate it. **07**
- OR**
- Q.4** (a) What is Error ? Explain run time error. also explain how run time errors can be handled in VB. **07**  
(b) How to create MDI form ? Explain with figure. **07**
- Q.5** (a) Explain Common dialog box control with example. **07**  
(b) How to protect VBA code using password. **07**
- OR**
- Q.5** (a) Write a short note : Digital Signature. **07**  
(b) Write a short note : Menu **07**

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