

## D05/T60/P30/P32/CMP220/EE/20170601

**Time : 3 Hours**

**Marks : 80**

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**Instructions :**

1. All Questions are Compulsory.
  2. Each Sub-question carry 5 marks.
  3. Each Sub-question should be answered between 75 to 100 words. Write every questions answer on separate page.
  4. Question paper of 80 Marks, it will be converted in to your programme structure marks.
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1. Solve any **four** sub-questions.
  - a) Explain toolbox of VB in detail. 5
  - b) Describe the different elements of form object. 5
  - c) Explain the working of events. 5
  - d) Explain the process of creating the user interface. 5
  - e) Discuss how to format the form design layout. 5
2. Solve any **four** sub-questions.
  - a) What is variable and constants & create the simple program using them. 5
  - b) Explain different data types used in visual basic. 5
  - c) What are the different types of assignment statements used in visual basic. 5
  - d) What is expressions or formula, describe how to use them in a program. 5
  - e) What is branching, describe it with the help of suitable program. 5

3. Solve any **four** sub-questions.

- a) What is loop? Explain the working & control structure of Do loop. 5
- b) What is dialogue box, explain the use of dialogue box. 5
- c) What is function. Explain different categories of functions used in VB. 5
- d) Discuss the functioning of DateAdd() & DateDiff() functions with suitable example. 5
- e) What is data validation. Explain the working with data validation function. 5

4. Solve any **four** sub-questions.

- a) What is formatting? How to format the numbers with predefined formats. 5
- b) Explain the concept of procedure, discuss how to work with procedure. 5
- c) What is an array? Explain the working with variable arrays. 5
- d) What is Jagged array? Explain with example. 5
- e) What is menu? Explain how to create menus in Visual Basic. 5

