

**B.C.A. (2010 Course Sem- III : SUMMER - 2019**

**SUBJECT: VISUAL PROGRAMMING**

Day: Thursday  
Date: 02/05/2019

**S-2019-2095**

Time: 02.00 PM TO 05.00 PM  
Max. Marks: 70

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**N.B.;**

- 1) **Question No. 1 is COMPULSORY.**
  - 2) Attempt **ANY FOUR** questions from **Q. 2 to Q. No. 7.**
  - 3) Figures to the right indicate **FULL** marks.
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- Q.1** a) What is event driven programming? Explain any five IDE components of VB in detail. (07)
- b) Write a program to read the content of sequential file and display it. (07)
- Q.2** a) Differentiate with the example. (07)
- i) Check box and Option Buttons
  - ii) List Box and Combo box
- b) What are functions? Explain any five string functions with example. (07)
- Q.3** a) Explain dialogue boxes used in VB in detail. (07)
- b) Write a program using VB to convert a text of textbox into bold, italic and underline using checkboxes. (07)
- Q.4** a) Explain properties of Data control for database connectivity. (07)
- b) Write a program using VB to search records from 'Personal-Information' table. (07)
- Q.5** a) Explain the concept of MDI. (07)
- b) Explain scope of variables with an appropriate example. (07)
- Q.6** Design a visual basic application which consists a menu named 'size'. Size menu will consist three submenus – 'Minimize', 'Maximize' & 'Normal'. When 'Minimized' is selected window should be minimized, when maximized is selected window should be maximized and when 'normal' is selected window should become a 'Normal'. (14)
- Q.7** Write short notes on **any TWO** of the following: (14)
- a) Data Reports
  - b) Frame Control
  - c) Data Grid Control
  - d) Visual Data Manager

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