

B.C.A. (2010 COURSE SEM- III : SUMMER - 2018
SUBJECT : VISUAL PROGRAMMING

Day : **Thursday**
Date : **03/05/2018**

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

S-2018-1730

N.B.

- 1) Q.1 is **COMPULSORY**.
- 2) Attempt any **FOUR** questions from Q.2 to Q.7.
- 3) Figures to the right indicate **FULL** marks.

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- Q.1** a) Explain various components of IDE in VB. (07)
- b) Write a program to create a VB form consisting of menu 'Colours'. It consists of two submenus- 'Setcolour' and 'Exit'. Setcolour consists of blue, red, yellow options. When 'Red' is selected, form should become red. Similarly in case of blue and yellow. When 'Exit' is selected form should be closed. (07)
- Q.2** What is the role of controls in VB? Also differentiate between the following: (14)
- a) Text box and Label box
 - b) Check box and Option buttons
- Q.3** What is function? Explain various mathematical functions with appropriate syntaxes and examples. (14)
- Q.4** What is error handling? Explain techniques of handling errors in VB. (14)
- Q.5** a) Explain 'for' loop with syntax and example. (07)
- b) What is a control array? Explain advantages of it. (07)
- Q.6** a) Explain dialog boxes used in VB. (07)
- b) Explain Timer control with example. (07)
- Q.7** Write short notes on any **TWO**: (14)
- a) Data Grid Control
 - b) Data Reports
 - c) Role of Jet DAO in data access
 - d) Visual Data Manager

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