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Register Number:

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**ST. JOSEPH’S COLLEGE (AUTONOMOUS), BENGALURU-27**

**IV Semester Examination, April 2017**

**BSc (COMPUTER SCIENCE)**

**CS 416 : Visual Programming**

**Time 1.5 Hrs Max Marks 35**

**This paper contains 1 printed page and 2 parts**

**PART-A**

**Answer all questions 3 x5 = 15**

1. What is the difference between event and method? Mention any two events and methods related to listbox?

2. What is common dialog control? Mention the various types of common dialog controls?

3. What is the use menu strip and popup menu?

4. What is function? Write its general syntax.

5. What is a Snapshot and Dynaset Recordset?

**PART-B**

**Answer any FOUR questions 5 x4 = 20**

6. Design and write a code for standard calculator using control array. Draw necessary GUI and write the code for suitable events.

7. Write the short notes on following controls

a) File list box (1+2+2)

b) Timer

c) Scroll bar

8. Write the coding to do the following changes

a) To change the background color of form using random number generator.

b) User should not see content of the textbox at runtime.

c) Checkbox should be visible only at runtime.

d) When user clicks on TRANSFER button all contents of the one list box to another textbox.

e) To add text to the list box at runtime.

9. Differentiate between by val and By Ref argument passing. Create a function that swaps values of two variables using By Ref technique.

10. Explain different methods of ADO control? Show the steps of adding, deleting data using the ADO data control?

11. Write the short notes on following controls

a) Option button

b) Tool tips

c) Check box CS-416-A-17