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Code No. : 41347 E      Sub. Code : JMCA 41/  
SMCA 41

B.C.A. (CBCS) DEGREE EXAMINATION,  
APRIL 2019.

Fourth Semester

Computer Application — Main

VISUAL BASIC

(For those who joined in July 2016 only)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. From files are saved with the extension  
(a) .form                      (b) .frm  
(c) .vbfrm                    (d) .vbform
2. The \_\_\_\_\_ contains of the tile bar, menu bar, and tool bar  
(a) Toolbox  
(b) Properties window  
(c) Project explorer window  
(d) Main window

3. \_\_\_\_\_ array size can be changed at run-time  
(a) Preserve                      (b) Multidimensional  
(c) Fixed-size                    (d) Dynamic array
4. \_\_\_\_\_ is the process of clicking the mouse button in a control and moving the mouse while holding down the mouse button.  
(a) Dropping                      (b) Cutting  
(c) Moving                        (d) Dragging
5. A \_\_\_\_\_ object represents a Connection to a remote database used as a data source for the associated commands.  
(a) Connection                    (b) RDO  
(c) ADO                            (d) Fixed
6. The \_\_\_\_\_ object contains the information to be saved and loaded when Active X control that is built is created or destroyed.  
(a) Property value                (b) Property bag  
(c) Property variable            (d) Property reference
7. Active X controls can be included to a project in \_\_\_\_\_ different ways.  
(a) 1                                    (b) 2  
(c) 3                                    (d) 4

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8. The \_\_\_\_\_ allows us to browse through the various properties, events and methods that are made available to us.

- (a) Project explorer (b) Object browser  
(c) Properties window (d) Form window

9. A \_\_\_\_\_ access file is like a database

- (a) Random (b) Sequential  
(c) Dynamic (d) Static

10. Any \_\_\_\_\_ typed in one text box can be cut, copied and pasted in the other textbox

- (a) Label (b) Data  
(c) Text (d) Word

PART B — (5 × 5 = 25 marks)

Answer ALL questions choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) Explain about visual basic variables and declarations.

Or

(b) Discuss about procedures in visual basic.

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12. (a) Write note on MsgBox ( ) function with an example program.

Or

(b) Write mouse events.

13. (a) Explain about evolution of computer architecture.

Or

(b) Discuss about remote data objects.

14. (a) Write note on OLE Automation object.

Or

(b) Explain about Connection and Command object with an example.

15. (a) How to create a User Control in VB? Explain.

Or

(b) How will you link the controls on a form to the ADO data control?

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PART C — (5 × 8 = 40 marks)

Answer ALL questions choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Discuss about VB Programming Environment.

Or

- (b) Write a note on User Defined Procedures and functions in VB.

17. (a) Discuss about various ways to add a dialog box in our applications.

Or

- (b) Discuss about multiple document interface using flex grid control.

18. (a) Calculate a database for an employee and to access it with DAO using ODBC.

Or

- (b) Write about Remote Data objects.

19. (a) Discuss about OLE drag and drop with example program.

Or

- (b) Explain about Data Report.

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20. (a) Explain sequential file creations in VB with an example.

Or

- (b) Create a database containing the following fields to hold the address of 10 students.

(i) Name (ii) Door NO

(iii) Street (iv) Place

(v) Pin code.

Create form with ADO to view and accesses the Addresses.

\_\_\_\_\_

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