

Reg. No. :

Code No. : 20236 E Sub. Code : SMCA 41/
AMCA 41

B.C.A. (CBCS) DEGREE EXAMINATION,
NOVEMBER 2022.

Fourth Semester

Computer Applications — Core

VISUAL BASIC

(For those who joined in July 2017 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. A complete repaint of a form or control can be enforced by _____ method.
- (a) upload (b) refresh
(c) set focus (d) mouse move

6. The _____ method creates a connection between the application and the ODBC database and assigns it to a database type object.
- (a) Remote data objects
(b) Open database
(c) Open result set
(d) None of the above
7. A _____ object represents a connection to a remote database used as a data source for the associated commands.
- (a) Remote (b) Data
(c) Connection (d) RecordSet
8. _____ event is fired when the mouse is moved over an OLE container during an OLE drag operation.
- (a) OLECompleteDrag()
(b) OLEStarDrag()
(c) OLEDragOver()
(d) OLEsetData()
9. The _____ control is used to create a hierarchy that displays at least two or more levels of a database.
- (a) TreeView (b) ListView
(c) ImageList (d) StatusBar

2. In visual basic, a variable name cannot be more than _____ characters.
- (a) 255 (b) 256
(c) 300 (d) 350
3. MDI stands for _____
- (a) Multiple Design Interface
(b) Manipulated Document Interface
(c) Menu Design Interface
(d) Multiple Document Interface
4. _____ dialog box allows the user to continue with the other applications.
- (a) Modal (b) Modeless
(c) Both (a) and (b) (d) Common
5. _____ event occurs when the user presses any mouse button.
- (a) MouseMove (b) MouseUp
(c) MouseDown (d) All the above

10. _____ access files are accessed line by line.
- (a) Static (b) Dynamic
(c) Sequential (d) Random

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).
Each answer should not exceed 250 words.

11. (a) Explain toolbox with diagram.
- Or
- (b) Elucidate various procedures in detail.
12. (a) Describe about menu editor with suitable example.
- Or
- (b) Compare InputBox() and MsgBox() with example.
13. (a) Define recordset and explain any four types of recordset.
- Or
- (b) Explain the hierarchical structure of remote data object.

14. (a) Write short note on SQL query designer.

Or

(b) Illustrate the OLEDragMode property and OLEDropMode property.

15. (a) Write about file system controls.

Or

(b) Explain ADO object model in detail.

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 form properties and methods.

Or

(b) Describe the text box and command button controls with example.

17. (a) Describe about dialog box with suitable example.

Or

(b) Explain FlexGrid control with example.

18. (a) Discuss about evolution of computing architectures.

Or

(b) Explain about Remote Data Objects

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19. (a) Describe data environment designer in detail.

Or

(b) Explain OLE Drag and Drop with example.

20. (a) Discuss the following Activex control :

(i) Sysinfo control

(ii) Slider control

(iii) Progress bar control

(iv) MSChart control.

Or

(b) Describe the following :

(i) Random access files

(ii) Binary access files.

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