

(6 pages)

Reg. No. :

Code No. : 20099 E Sub. Code : SMCS 41/
SMSE 41

B.Sc. (CBCS) DEGREE EXAMINATION,
NOVEMBER 2022.

Fourth Semester

Computer Science/Software Engineering – Core

VISUAL BASIC

(For those who joined in July 2017–2019)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. The window associated with the project will stay within a single container known as the _____
- (a) child (b) node
(c) parent (d) leaf

7. DDE is an acronym for _____
- (a) Dynamic Data Exchange
(b) Dynamic Data Enable
(c) Database Dynamically Enabled
(d) Dynamic Data Inexchange
8. The _____ method can be used to specify an empty embedded object at run time.
- (a) CreateEmbed (b) Embed
(c) Clear (d) Insert
9. _____ make a particular type of data available.
- (a) Provider (b) Data provider
(c) Consumer (d) Components
10. The _____ object is used to save a query definition in application.
- (a) Button (b) Connection
(c) Command (d) Query

2. _____ property is used to hide the object at run time.
- (a) Hide (b) Visible
(c) Enable (d) View
3. A _____ menu is a floating menu that is displayed over a form independent to the menu bar.
- (a) Click-down (b) Pop up
(c) Menu (d) Icon
4. _____ is selected from the project menu which displays a components box.
- (a) Components (b) Tools
(c) Component box (d) List
5. The RDO consists of objects and collections that form a framework for manipulating the components of a remote _____
- (a) ODBC (b) Remote ODBC
(c) System (d) Database module
6. The _____ method of the connection object is used to run queries against the database.
- (a) Open (b) Resultset
(c) Open resultset (d) Dataset

PART B — (5 × 5 = 25 marks)

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

11. (a) Write a visual basic program for factorial with design and output.
Or
(b) Write short notes on combo box.
12. (a) Write about the events exit, cancel coding with explanation in menus.
Or
(b) Explain about changing cell width and cell height in flex grid control.
13. (a) Write short notes on executing SQL in RDO.
Or
(b) Write about finding a specific record in ODBC.
14. (a) Explain :
(i) OLE - container application (2)
(ii) Linked objects (2)
(iii) Embedded objects. (1)
Or
(b) Write short notes on collections.

15. (a) Write about working with ADO data control with suitable example.

Or

- (b) Write short notes on file system.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b)
Each answer should not exceed 600 words.

16. (a) Develop a VB application for designing a simple calculator and discuss.

Or

- (b) Explain about different characteristics of controls in visual basic.

17. (a) How to create a MDI form in VB? Explain with example.

Or

- (b) Discuss about the application of flex grid control in VB.

18. (a) Explain about the various RDO objects in detail.

Or

- (b) How to access data using RDO? Explain.

19. (a) Describe in detail using OLE automation objects.

Or

- (b) Explain about class models in detail.

20. (a) Discuss about built in ActiveX controls.

Or

- (b) Discuss the following with examples :

- (i) Accessing file in VB
(ii) Interface with windows.