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Reg. No. :

**Code No. : 20602 E Sub. Code : SMCS 41/
SMSE 41**

B.Sc. (CBCS) DEGREE EXAMINATION, APRIL 2021.

Fourth Semester

Computer Science/Software Engineering — 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. _____ displays the commands that are required to build an application.
 - (a) Menu bar
 - (b) Title bar
 - (c) Message bar
 - (d) Tool bar

2. _____ a text that the user cannot modify or interact with.
- (a) Label (b) Button
(c) Image (d) Picture
3. _____ is the process of clicking the mouse button in a control and moving the mouse while holding down the mouse button.
- (a) Dragging (b) Dropping
(c) Drag and Drop (d) Mouse event
4. Custom dialog boxes are customized by the _____
- (a) Program (b) Code
(c) User (d) Developer
5. _____ is used to open a table.
- (a) Open (b) Connection
(c) Open database (d) Open Record set

6. The _____ method can be used to locate a record in a table type Record set.
- (a) Seek (b) Find
(c) Move (d) Hit
7. _____ is an important window topic available in Visual Basic.
- (a) OLE (b) IDE
(c) GUI (d) OLE Drag
8. The _____ contains a data object, which will store the requested data.
- (a) Data (b) Argument
(c) Data parameter (d) Parameter
9. _____ are defined by the data provider.
- (a) Dynamic property (b) Built-in
(c) Properties (d) Dynamically
10. _____ uses the idea of a connection instead of a databases.
- (a) ADO (b) OLE DB
(c) IDE (d) GUI

PART B — (5 × 5 = 25 marks)

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

Each answer should not exceed 250 words.

11. (a) Write short notes on IDE.
Or
(b) Explain Properties, Window and Object Browser.
12. (a) What is Menu Interface? How to use it?
Or
(b) Write short notes on Dragging and Dropping.
13. (a) Explain how to create an ODBC data source.
Or
(b) Write about adding Field, Index and Deleting Index.
14. (a) Write down the events related to OLE Drag and Drop with example.
Or
(b) Write short notes on Classes and Class Modules.

15. (a) Explain :
- (i) Connection (2)
 - (ii) Command (2)
 - (iii) Recordset (1)

Or

- (b) Write short notes on Random Access.

PART C — (5 × 8 = 40 marks)

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

Each answer should not exceed 600 words.

16. (a) Explain in detail about Control Structures.

Or

- (b) Write briefly about Textbox and its properties.

17. (a) Explain Mouse Events with suitable program.

Or

- (b) Explain in detail about using Flexgrid Control in VB.

18. (a) Write in detail about RDO.

Or

(b) Explain briefly about ODBC.

19. (a) Discuss about OOPS concept supported by Visual Basic.

Or

(b) Explain in detail about the Fundamentals of OLE.

20. (a) Discuss about the accessing files in VB.

Or

(b) Write briefly about Sequential Access Files and Random Access Files.
