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Reg. No. :

Code No. : 40590 E

Sub. Code : SMCS 41

B.Sc. (CBCS) DEGREE EXAMINATION,
NOVEMBER 2019.

Fourth Semester

Computer Science — Main

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 Variable declared in general part is called as
_____ variables.

(a) Local

(b) Block

(c) Global

(d) Functional

2. _____ control is used to display information.
- (a) Text box
 - (b) Command button
 - (c) Label
 - (d) Picture box
3. MDI Stands for _____
- (a) Multimedia Document Interface
 - (b) Multiple Document Interface
 - (c) Multiuser Document Interface
 - (d) None
4. Which occupies less space on the screen.
- (a) List box
 - (b) Combo box
 - (c) Directory box
 - (d) None of the above
5. Accessing database from Visual basic
- (a) ODBC
 - (b) Record
 - (c) File
 - (d) None of the above

6. Visual basic is a _____
- (a) Db tool
 - (b) Backend Tool
 - (c) Server Tool
 - (d) Frontend tool
7. Using OLE we can link.
- (a) Word
 - (b) Excel
 - (c) Powerpoint
 - (d) Any software
8. The _____ is to used to create report.
- (a) Database
 - (b) Data Environment
 - (c) OLE
 - (d) None
9. Which event occurs only once in the entire lifecycle of an Activex Control?
- (a) Initialize
 - (b) Terminate
 - (c) Reuse
 - (d) Write properties

10. The Activex files are stored in the extension of _____.
- (a) .axX (b) .Ocx
(c) .prj (d) .frm

PART B — (5 × 5 = 25 marks)

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

Each answer should not exceed 250 words.

11. (a) Explain for / each loop with example.

Or

- (b) What is flow control? Explain select... case statement with example.

12. (a) Write about menus in Visual basic.

Or

- (b) Write short notes on MDI.

13. (a) Explain ODBC concept with example.

Or

- (b) Explain about DAO control.

14. (a) Write about object linking and Embedding?

Or

(b) Write down the steps to create OLE container control.

15. (a) Explain the uses of OLE container control.

Or

(b) What are class modules? How classes are constructed with them?

PART C — (5 × 8 = 40 marks)

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

Each answer should not exceed 600 words.

16. (a) Explain Do-While loop with suitable example.

Or

(b) Develop VB project to do various arithmetic operation

17. (a) Explain how control arrays are created at Design and run time.

Or

- (b) Discuss the following.
- (i) General and Event Procedure.
 - (ii) Scope of procedure.

18. (a) Develop a VB project to add, delete records using RDO.

Or

- (b) How to connect VB with Oracle.

19. (a) Give an overview of OLE Fundamentals.

Or

- (b) Differentiate classes, methods and objects.

20. (a) Discuss any four built in Activex data object?

Or

- (b) What is an Activex data object? Explain ADO object model in detail.