

Code No: SS30603E

Sub. Code: SMCS41/SMSE41

B.SC. (CBCS) DEGREE SPECIAL SUPPLEMENTARY EXAMINATION, APRIL2020

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 X 1 = 10 marks)

Answer all questions, choose the correct answer

1. Visual Basic is a tool that allows you to develop application in _____
(a) Real Time (b) Graphical User Interface
(c) Character User Interface (d) None of the above
2. _____ loop repeats a group of statements for each item in a collection of objects or for each element of an array.
(a) While loop (b) Do until loop
(c) Do while loop (d) For each loop
3. MDI stands for _____
(a) Multiple Document Interface (b) Multiple Design Interface
(c) Menu Design Interface (d) Mouse Design Interface
4. A _____ Control in Visual Basic is used to create applications that present information in rows and columns.
(a) MSGridLine (b) MSLineGrid
(c) MSGridFlex (d) MSFlexGrid
5. Which connectivity is independent of and Database Management System or operating system?
(a) OLEDB (b) ODBC
(c) DAO (d) None of these
6. RDO Stands for _____
(a) Remote Distributed Objects (b) Rear Data Objects
(c) Remote Data Objects (d) Resource Data Objects
7. _____ can access data from relational and non relational databases.
(a) Jet Database Engine (b) ODBC
(c) OLEDB (d) None of the these
8. _____ are called runtime entities.
(a) Class (b) Objects
(c) Form (d) Control
9. The main objective of the Component Object Model(COM) philosophy is _____
(a) Reliability (b) Abstraction
(c) Reusability (d) None of these
10. Which display a list of files in the current directory or subdirectory?
(a) DriveListBox (b) DirListBox
(c) ListBox (d) FileListBox

PART B – (5 X 5 = 25 Marks)
Answer ALL questions, choosing either (a) or (b)
Each answer should not exceed 250 words

11. a) Define variable? Explain variable with examples.
Or
b) Explain any four controls in Visual Basic.
12. a) How to create menus in Visual Basic? Explain with example.
Or
b) Write short note about Graphics for applications.
13. a) Give the benefits of Open Database connectivity.
Or
b) Explain important concepts of Remote Data Objects.
14. a) Write short note on OLE drag and Drop.
Or
b) Describe briefly on class modules in Visual Basic.
15. a) What is the use command object ? Explain with example.
Or
b) Describe FileListBox control with examples.

PART C – (5 X 8 = 40 Marks)
Answer ALL questions, choosing either (a) or (b)
Each answer should not exceed 600 words

16. a) Explain Integrated Development Environment in Visual Basic with neat diagram.
Or
b) How to work with control arrays in Visual Basic with examples.
17. a) Differentiate Setfocus() and Lostfocus() methods with examples.
Or
b) Discuss Multiple Document Interface in detail.
18. a) Explain different components of ODBC in detail.
Or
b) Describe Remote Data Objects (RDO) object model.
19. a) What is Object Linking and Embedding? Explain in Detail.
Or
b) Discuss working with objects in detail.
20. a) Describe ActiveX Data Objects(ADO) object model.
Or
b) Explain the following. i)DriveListBox ii)DirListBox