

(6 pages)

Reg. No. :

Code No. : 20991

Sub. Code : GMCS 41/
GMSE 41

B.Sc. (CBCS) DEGREE EXAMINATION, APRIL 2015.

Fourth Semester

Computer Science – Main

VISUAL BASIC

(For those who joined in July 2012 and afterwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. Form files are saved with the extension

- (a) .form (b) .frm
(c) .vbfrm (d) .vbform

2. The ____ consists of the title bar, menu bar, and toolbar,

- (a) toolbox
(b) properties window
(c) project explorer window
(d) main window.

3. _____ array size can be changed at run-time.

- (a) Preserve (b) Multidimensional
(c) Fixed-size (d) Dynamic array

4. _____ is the process of clicking the mouse button in a control and moving the mouse while holding down the mouse button.

- (a) Dropping (b) Cutting
(c) Moving (d) Dragging

5. A ____ object represents a connection to a remote database used as a data source for the associated commands.

- (a) Connection (b) RDO
(c) ADO (d) Fixed.

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6. The _____ object contains the information to be saved and loaded when ActiveX control that is built is created or destroyed.

- (a) property value (b) property bag
(c) property variable (d) property reference.

7. ActiveX controls can be included to a project in _____ different ways.

- (a) 1 (b) 2
(c) 3 (d) 4

8. The _____ allows us to browse through the various properties, events and methods that are made available to us.

- (a) project explorer (b) object browser
(c) properties window (d) form window.

9. A _____ access file is like a database.

- (a) random (b) sequential
(c) dynamic (d) static

10. Any _____ typed in one text box can be cut, copied and pasted in the other textbox.

- (a) label (b) data
(c) text (d) word

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PART B — (5 × 5 = 25 marks)

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

Each answer should not exceed 250 words.

11. (a) Write note on Arrays in Visual Basic.

Or

(b) Explain about radiobutton and checkbox controls.

12. (a) Write note on MsgBox() function with an example.

Or

(b) Describe MDI.

13. (a) Explain the evolution of Computer ODBC Architectures.

Or

(b) Illustrate the properties, methods and events of Data Control.

14. (a) Write note on OLE Automation object.

Or

(b) Explain about Connection and Command object with an example.

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[P.T.O.]



15. (a) How to create a User Control in VB?
Explain.

Or

- (b) How will you link the controls on a form to the ADO data control.

PART C — (5 × 8 = 40 marks)

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

Each answer should not exceed 600 words.

16. (a) Discuss the VB Programming Environment.

Or

- (b) Write note on User defined Procedures and functions in VB.

17. (a) Explain about Menu creation in VB with an example.

Or

- (b) Illustrate the properties and methods of Labelcontrol, Command Button and ScrollBar.

18. (a) Illustrate step by step procedure to link the controls through the ODBC.

Or

- (b) Write a program to calculate Matrix Multiplication in VB.

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19. (a) Write note on OLE with an example.

Or

- (b) Write a program to create a Picture animation.

20. (a) Explain Sequential file creation in VB with an example.

Or

- (b) Create a database containing the following fields to hold the address of 10 students.

- (i) Name
- (ii) DoorNo
- (iii) Street
- (iv) Place
- (v) Pincode

Create form with an ADO to view and access the Addresses.

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