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Reg. No. :

Code No. : 6842

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M.C.A. (CBCS) DEGREE EXAMINATION,
NOVEMBER 2013.

Third Semester

Computer Application

VISUAL PROGRAMMING

(For those who joined in July 2012 onwards)

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. Which of the following is not a feature of windows programming?
 - (a) Resource sharing
 - (b) Multitasking
 - (c) Device independent programming
 - (d) Single path of execution

2. Visual C++ is:
 - (a) Procedure Oriented
 - (b) Event-Driven Programming
 - (c) Both (a) and (b)
 - (d) None of these
3. _____ is a function which is defined within the class:
 - (a) Object
 - (b) Class
 - (c) Message
 - (d) Method
4. DLL stands for:
 - (a) Dynamic Level Library
 - (b) Direct Link Library
 - (c) Dynamic Layout Library
 - (d) Dynamic Link Library
5. Registered ActiveX Control in windows:
 - (a) Gallery
 - (b) Class Wizard
 - (c) App Wizard
 - (d) Resource Wizard
6. _____ is a program that is implemented as a DLL:
 - (a) App Wizard
 - (b) Class Wizard
 - (c) Gallery
 - (d) Resource Wizard



7. MFC class library creates:
- (a) Document programs
 - (b) View Programs
 - (c) Both (a) and (b)
 - (d) None of these.
8. Which class is used for displaying information about the document for the user and for handling interaction
- (a) Frame Class (b) Application Class
 - (c) View Class (d) Document Class
9. Which class control application level interaction with Windows:
- (a) View Class (b) Application Class
 - (c) Document Class (d) Frame Classes
10. Which message is sent when mouse is over the menu or caption bar:
- (a) WM_MOUSEMOVE
 - (b) WM_NCMOUSEMOVE
 - (c) MOUSEMOVE
 - (d) NCMOUSEMOVE

SECTION B — (5 × 5 = 25 marks)

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

11. (a) Write a note on splitter windows in vc++.
- Or
- (b) Distinguish between modal and modeless dialog.
12. (a) Write a vc++ program to illustrate the concept of text controls.
- Or
- (b) What are dialog boxes?
13. (a) Write a program in vc++ using date time controls.
- Or
- (b) Write program in vc++ to illustrate concept of slider bar.
14. (a) How will you create views in vc++.
- Or
- (b) Explain view document architecture in vc++.
15. (a) Write a note on record views in vc++.
- Or
- (b) Write a note on COM programming.



SECTION C — (5 × 8 = 40 marks)

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

16. (a) Write a vc++ program to create windows.

Or

- (b) Explain about development environment of vc++.

17. (a) Explain about common controls in VC++.

Or

- (b) Write a vc++ program to illustrate button controls in VC++.

18. (a) Write vc++ programs to illustrate progress and scroll bar.

Or

- (b) What is ActiveX control? Write down the steps to create ActiveX control

19. (a) Explain in detail how will you add bitmaps into your application.

Or

- (b) How will you create resources (icons, cursors, menus) using resource editors in vc++.

20. (a) Explain database interfaces available in vc++.

Or

- (b) Explain the concept of OLE with suitable examples.

