



BL-2325

Seat No. _____

M. Sc. (Sem. - VI) (CA & IT) Examination

March/April - 2014

605 : Visul Programming With VC++

Time : 3 Hours]

[Total Marks : 70

- 1** Explain following question : (any six) **18**
- (i) What is Application Framework ? Explain string handling function.
 - (ii) What is GDI ? Explain GDI object in details.
 - (iii) What is Device Context ? Explain CDC.
 - (iv) What is document and view architecture ? Explain it.
 - (v) Explain mapping mode and dangning pointer.
 - (vi) What is MFC ? Explain use of its base classes and derived classes.
 - (vii) How to create toolbar ? Write down step for it.
- 2** Attempt any three : **15**
- (i) Write down difference between SDI Vs MDI and mode dialogue Vs modeless dialogue.
 - (ii) What is keyboard acceterators ? Explain all events of it with an example.

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[Contd...

- (iii) What is DLL ? Explain it and also explain how to create it.
- (iv) Explain message map, C status bar.
- (v) Explain GDI coordinate system.

3 Do as directed : **5**

- (i) rctt stand for _____ and it is _____ language.
- (ii) What is Afx register Wnd Class (MFC) ?
- (iii) What is Active X control ?
- (iv) What is memory leak ?
- (v) ODBC stand for _____ and OLE stand for _____.
- (vi) What is exception handling in VC++ ?

4 Explain following questions : (any five) **25**

- (i) Explain Actirex controls Vs ordinary window controls. How to create Active X controls ?
- (ii) Write down step for create connection of database with a dialogue base application and also write a code for perform navigation.
- (iii) What is COM and ATL ? Explain ATL objects.
- (iv) Explain OLE container.
- (v) How to create user define component for list box, combo box and dialogue box ? Explain it.
- (vi) Explain MFC database classes and also using that make a sample application of it.

- 5 Attempt any one : 7
- (i) Write a program to display random shape with random color and random position using timer.
 - (ii) Write a VC++ program to draw chessboard like boxes (8×8) in the client area. If window is resized the boxes should also get resized. So that all the 64 boxes would be visible at all times.
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