



Reg. No. :

--	--	--	--	--	--	--	--	--	--	--	--

**Question Paper Code : X 67540**

B.E./B.Tech. DEGREE EXAMINATIONS, NOVEMBER/DECEMBER 2020

Fifth/Sixth Semester

Computer Science and Engineering  
CS 1305 – VISUAL PROGRAMMING  
(Common to Information Technology)  
(Regulations 2008)

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions

PART – A

(10×2=20 Marks)

1. List any four basic windows header files.
2. Give the significance of *TranslateMessage* method.
3. Write the need for AppWizard VC++.
4. Write the use of Bitmaps.
5. Compare menu and tool bar.
6. Write note on DLL.
7. Write the difference between ActiveX and COM.
8. What is type library ?
9. Give the design overview of ODBC.
10. Give the significance of the *htons* in Winsock function.

PART – B

(5×16=80 Marks)

11. a) Write an MFC program to draw the basic shapes on the client area.

(OR)

- b) Explain the following :

- i) Write note on paint method with suitable example. (8)
- ii) Any five GDI primitives. (8)

**X 67540**



12. a) i) Draw the VC++ build process. (4)  
ii) Explain the various VC++ IDE Components. (12)

(OR)

b) Write short notes on the creation and usage of bit maps.

13. a) i) Explain the document view architecture. (6)  
ii) What is DLL and explain with an example how the imports are matched to exports ? (10)

(OR)

b) Write a VC++ program to develop a simple calculator using dialog based application.

14. a) Describe the complete procedure to create, register and use active controls. (16)

(OR)

- b) i) Explain working mechanism of COM. (8)  
ii) Write a detailed note on OLE embedded component and containers. (8)

15. a) Describe the concept of ODBC and write example code in VB or VC++ to display employee records using DAO. (16)

(OR)

- b) i) Discuss about the issues in developing network application using Winsock and Win/Net. (10)  
ii) Write the features of ISAPI server extension. (6)
-