

**2008 ANNA UNIVERSITY**  
**B.E/B.TECH DEGREE EXAMINATIONS COMPUTER SCIENCE ENGINEERING**  
**VISUAL PROGRAMMING**

TIME: 3 HOUR  
MARK: 100

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**Answer All Question**

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**PART A:[10\*2=20]**

1. Write a function which is used to display text and explain the parameters.
2. What is device context?
3. Write any two function associated with bitmap and state their uses?
4. Explain any two methods associated with C font dialog ?
5. What are accelerators?
6. What are the messages associated with menus?
7. What is active X control?
8. Name any 4 classes from which you can inherit in VC++?
9. What is thread? How can you create a thread using MFC?
10. Differentiate TCP and UDP clients?

**PART B:[16\*5=80]**

- 11.(a) Write a program to create a window and display the same, explain the loading?  
OR
- 11.(b) Explain the message loop.
- 12(a) Explain how to create an instance of colour dialog and the functions associated with it?
- 12.(a) (??) Write a program using VC++ to paint the background with a brush. Set the Color using the co ordinate at which the mouse is clicked.  
OR
- 12(b) (?) Differentiate modal and modeless dialog
- 12(b) (??) Write a program to create and display a modeless dialog
- 12(b) (???) Write a program to draw a rectangle as the mouse moves.
- 13(a) Develop a dialog based application to simulate a calculator. The calculator should add, multiply, subtract and divide 2 integers.  
OR
- 13(b) Develop a DLL and an exe to use the DLL to add and subtract 2 numbers.
- 14(a) Write short notes giving one example for each .  
OR
- 14(b) Explain how will you create an active X control and use it.
- 15(a) Write a program to display a video file.  
OR
- 15(b) Write a program to query the database.