



SN – 472

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V Semester B.C.A. Degree Examination, November/December 2014  
(Y2K8 Scheme) (New)  
COMPUTER SCIENCE  
BCA 405 : Visual Programming  
(Equivalent for BCA – 503 (2K7))



Max. Marks : 60

Time : 3 Hours

**Instruction :** Answer *all* Sections.

SECTION – A

Answer **any ten** questions.

(10×1=10)

1. What is visual programming ?
2. What do you mean by Hungarian Notation ?
3. Give the naming convention of any 3 controls.
4. What is the function of the project window ?
5. List the common properties of a command button.
6. What do you mean by event-driven programming ?
7. List the different help file formats available in window.
8. What is a connection object ?
9. Define a class.
10. What is the usage of solution explorer ?
11. What is a dialog box ? How many types of dialog boxes are available in VC++ ?
12. Define an OLE Server.

P.T.O.



## SECTION – B

Answer **any five** questions.

**(5×3=15)**

13. Explain any three features of GUI.
14. Explain the function of windows handled data type.
15. Explain LPVOID and LPSTR.
16. Explain an event procedure.
17. How do you design a menu using the resource editor in VC++ ? Explain.
18. Explain any three difference between document/view architecture and dialog based architecture.
19. Explain hot keys in visual studio.
20. Write any three features of MDI.

## SECTION – C

Answer **any five** questions :

**(7×5=35)**

21. Explain about the resources on windows platform.
22. What are GDI functions ? Explain the important GDI function.
23. Give the difference between image box and picture box controls.
24. Write a visual basic program to design a calculator using function.
25. Explain the features of VC++ code editor.
26. Write a VC++ program to create a simple window.
27. Explain the usage of list box and combo box with a suitable example.
28. Write a short note on :
  - a) Label box in VB.
  - b) Device context.

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