



US – 652

35

IV Semester B.C.A. Degree Examination, May 2017

(Y2K8 Scheme) (Repeaters)

COMPUTER SCIENCE

BCA – 405 : Visual Programming



Time : 3 Hours

Max. Marks : 70

SECTION – A

Answer **any ten** questions. **Each** question carries **one** mark.

(10×1=10)

1. What do you mean by windows message ?
2. Define SDK.
3. What is visual programming ?
4. Give an example for system defined constant.
5. What is dynamic array ?
6. What is an event procedure ?
7. Define a form object.
8. What is a module ?
9. Write any two methods associated with list box control.
10. What is object-oriented programming ?
11. What is a resource in windows programming ?
12. Expand DLL.

SECTION – B

Answer **any five** questions. **Each** question carries **three** marks.

(5×3=15)

13. Compare windows programming with VB.
14. Explain the different types of events with an example.
15. Explain the different data types available in VB with an example.
16. Differentiate between Image Box and Picture Box controls.

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17. What are the advantages of control arrays ? Explain.
18. Explain the different features of MFC libraries.
19. Explain any three tool Box controls.
20. What are splitter windows ? Explain.

## SECTION – C

Answer **any five** questions. **Each** question carries **seven** marks.

(5×7=35)

21. What is GDI ? Explain the different functions of GDI.
22. Explain the important features of visual basic in detail.
23. Explain the different entry controlled looping statements in VB with an example.
24. Explain the usage of LabelBox, ListBox and frame controls with an example.
25. What is an MDI form ? Explain with an example.
26. Explain InputBox () functions with syntax and example.
27. Write a VC++ program to create a dialogbox and display the position of mousepointer within the dialogbox.
28. Explain exception-handling mechanisms in detail with an example.

## SECTION – D

Answer **any one** question. **Each** question carries **ten** marks.

(1×10=10)

29. Write a note on
- a) ODBC. 5
  - b) OLE object. 5
30. Design and write a VB application to record the employee details such as EMPID, EMPNAME, Designation and basicpay. Calculate the DA, HRA, deductions and gross salary. Use select case for decision making.
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