

CB – 477



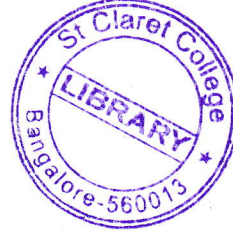
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IV Semester B.C.A. Examination, Aug./Sept. 2023
(CBCS) (Repeaters) (2015-16 and Onwards)
COMPUTER SCIENCE
BCA 403 : Visual Programming

Time : 3 Hours

Max. Marks : 70

Instruction : Answer all Sections.



SECTION – A

I. Answer **any ten** questions. **Each** question carries **two** marks. **(10×2=20)**

- 1) What is IDE in visual basic ?
- 2) What are the logical operators in visual basic ?
- 3) What is an event ? Give two examples of events in visual basic.
- 4) Define dynamic array with its syntax.
- 5) What are the different types of combo box styles ?
- 6) Define entry controlled loop and exit controlled loop.
- 7) What is MDI form ? Explain.
- 8) What is the use of ADO control in visual basic ?
- 9) Briefly state the use of ODBC.
- 10) What is MFC ? Name any two classes of MFC.
- 11) What is OLE control ?
- 12) Define resources in VC++.

SECTION – B

II. Answer **any five** complete questions. **(5×10=50)**

- 13) a) Explain input box and message box functions with syntax and example. **5**
- b) Write notes on Drive Listbox, Directory Listbox and File Listbox. **5**

P.T.O.



- 14) a) What is a string ? Explain any five string functions. 5
 - b) What is control array ? Explain use of control array with example. 5
 - 15) a) Explain select case statement in visual basic with suitable example program. 5
 - b) What is class module ? Explain the procedure to create class module in visual basic. 5
 - 16) a) Explain different types of file modes. 5
 - b) Explain DAO (Data Access Object). 5
 - 17) a) Write a program to validate username and password using data control. 5
 - b) What is record set ? Discuss the types of record set objects. 5
 - 18) a) Write a visual basic program to store student data into database using ADODC. 5
 - b) Describe Microsoft VC++ environment. 5
 - 19) a) Explain splitter windows. 5
 - b) Discuss document view architecture. 5
 - 20) a) Write a note on message map. 5
 - b) Explain exception handling in VC++ with a program. 5
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