

V Semester B.A./B.Sc. Examination Nov./Dec. 2018

(CBCS) (F+R) (2016-17 and Onwards)

COMPUTER SCIENCE (Paper – VI)

Visual Programming

Time : 3 Hours

Max. Marks : 70

**Instruction :** Answer all Sections.

SECTION – A

I. Answer any ten questions :

(10×2=20)

- 1) What is visual programming ?
- 2) What is a Form object ?
- 3) Define the terms property and method with an example.
- 4) What is a variant data type ? Give an example.
- 5) Explain the different focal events in Visual Basic.
- 6) What is a module ? Mention the different types of modules.
- 7) Briefly explain Menu Editor.
- 8) What are class and object ?
- 9) Differentiate between ADO and DAO.
- 10) What are data-aware controls ? Explain.
- 11) Mention the different components of VC++.
- 12) How do you throw an exception in a try block ? Give an example.

SECTION – B

II. Answer any five questions :

(5×10=50)

- 13) a) Explain any five important features of Visual Basic.  
b) Explain the usage of check box and image box controls with an example. (5+5)
- 14) a) What are control arrays ? Explain the creation of control arrays at design time with an example.  
b) Explain message box function and give syntax with an example. (5+5)
- 15) a) Explain select-case statement.  
b) Explain the different entry-controlled looping statements with an example. (5+5)

(5+5)  
P.T.O.



- 16) a) What are static and dynamic arrays ? Explain with an example. (5+5)
- b) What is MDI form ? Explain with an example. (5+5)
- 17) a) Write a note on DLL. (5+5)
- b) Explain different types of help files. (5+5)
- 18) a) What is a record set ? Explain the different record set object methods with an example. (5+5)
- b) Design user interface to accept student details such as name, department and total marks and display the percentage and division. (5+5)
- 19) a) Differentiate between document/view architecture and dialog based architecture. (5+5)
- b) Write a note on MFC file handling. (5+5)
- 20) a) Explain static and dynamic splitter window. (5+5)
- b) Explain the important benefits of OLE. (5+5)

**BMSCW**

SECTION - B