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Fifth Semester B.A./B.Sc. Degree Examination, March/April 2021

(CBCS Scheme – Freshers – 2016-17 and Onwards)

Computer Science

Paper VI — VISUAL PROGRAMMING

Time : 3 Hours]

[Max. Marks : 70

Instructions to Candidates : Answer all the Sections.

SECTION – A

- I. Answer any **TEN** questions. Each question carries **2** marks **(10 × 2 = 20)**
1. Write any two types of Visual basic projects.
 2. What is the use of MsgBox() in VB?
 3. What is meant by Implicit Declaration?
 4. Write the keyboard events in VB.
 5. What is the use of Preserve Keyword in VB?
 6. Define Data Abstraction and Encapsulation.
 7. What is the use of DLL in VB.
 8. Write a note on Sequential File in VB.
 9. Write any two Microsoft Windows common controls.
 10. Write any two types of database connectivity used in VB.
 11. What are the Visual C++ components?
 12. What are the types of Dialog boxes used in VC++?

SECTION – B

- II. Answer any **FIVE** questions. Each question carries **10** marks : **(5 × 10 = 50)**
13. (a) Explain any five features of Visual Basic. **(5)**
(b) Explain the common properties of Visual Basic controls. **(5)**

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14. (a) Explain the following : (6)
(i) List Box
(ii) Combo Box
(iii) Picture Box
- (b) Explain the following : (4)
(i) Show Save()
(ii) Show Color()
15. (a) Explain three levels of scope of variables. (6)
(b) Explain any four string manipulation functions with examples. (4)
16. (a) Explain Do ... While loop with example. (5)
(b) Write a note on MDI. (5)
17. (a) Explain the class modules used in VB. (5)
(b) Write a note on Help files. (5)
18. (a) Explain the common file handling functions in VB. (5)
(b) Explain the ADO data access mechanism in VB. (5)
19. (a) Design a Small Alarm Clock using Visual basic application. (5)
(b) Write a note on Document View Architecture of MFC. (5)
20. (a) Write short notes on Exception handling in VC++. (5)
(b) Explain the OLE features in VC++. (5)