

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



B.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE

FIFTH SEMESTER – NOVEMBER 2019

16 / 17UCS5MC02 – VISUAL PROGRAMMING

Date: 31-10-2019

Dept. No.

Max. : 100 Marks

Time: 09:00-12:00

PART - A

Answer ALL the Questions

(10 * 2 = 20 Marks)

1. Describe any four features of Visual Basic.
2. What is CLR?
3. what is an object
4. Define Polymorphism.
5. Define array with syntax and example.
6. List the different types of file modes.
7. What is the use of ADODC control in VB.
8. What is data reader?
9. List out any two web controls and its properties.
10. Write the purpose of Grid view control.

PART - B

Answer ALL the Questions

(5 * 8 = 40 Marks)

11. a. Explain about the Framework Class Library.
(OR)

11. b. Explain the types of operators used in VB.NET

12.a.. Implement program to illustrate inheritance concept in VB.
(OR)

12. b. Explain in detail about the Constructors and Destructors.

13.a. Implement a VB.Net program to check an element present in an array or not by using required control.
(OR)

13.b. . Explain file stream class with sample code.

14. a. Explain about the Data Adapter in detail.

14. b. Discuss about the Data binding concept in detail

15. a. Write a VB.Net program to process the grades of a student along with the form design

15. b. Explain any five standard web controls with suitable example.

PART - C

Answer any TWO Questions

(2*20 = 40 Marks)

16. a. Explain about the Data types, Variables and constants in Vb.Net.
b. Explain all looping statements in VB. Net with simple example.
- 17.a. Explain the string handling functions with example.
b. Explain with an example of establishing database connectivity.
- 18.a. Explain about creating web applications with example.
b. Discuss validation controls with example.

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