Reg. No. | | | | | | | | | | | | |

S.No. 9107 **Sub. Code : 19M445B**

B.Com. (ISM) DEGREE EXAMINATION, NOVEMBER 2023.

(Autonomous)

Fifth Semester

VISUAL BASIC PROGRAMMING

Time : Three hours Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer any TEN questions.

Each question carries 2 marks.

1. What are the different data types in Visual basic?
2. How to create message box in VB? Give example.
3. Differentiate conditional statement and looping statement.
4. What is meant by group box controls?
5. Differentiate functions and procedure.
6. What is a combo box? Give example.
7. List any two mouse events in Visual basic. Give examples.

8. Write the purpose of dialog box control.

9. What are MDI forms?

10. Write the uses of error trap.

11. What is a static variable?

12. Write the advantages of OLE.

SECTION B — (5 × 5 = 25 marks)

Answer any FIVE questions.

Each question carries 5 marks.

13. Discuss about the text box and Label controls. Explain the properties and events of text box and label controls with example.

14. Write a simple program in Visual basic by designing a bio-data form which takes the personal information of the user and displays the information when submit button is clicked.

15. Discuss about arrays and control arrays in Visual basic with example.

16. Explain in brief about functions in visual basic with appropriate example.

17. Explain about the event handling in VB.

18. Discuss the database connectivity using data control in VB.

19. Discuss the properties and events of image and picture controls in Visual basic. Explain how to add image to the control.

20. Write short notes on MDI. Write a menu driven application program with design.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

Each question carries 10 marks.

21. Discuss in detail about the various Visual Basic controls.

22. Explain in detail about the error trapping in Visual basic.

23. Discuss about the looping structures in Visual basic.

24. Write in detail about menus in VB.

25. Discuss about the database connectivity using DAO in Visual basic.

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Reg. No.													

S.No. 9093 **Sub. Code : 19M443B**

B.Com. (ISM) DEGREE EXAMINATION, NOVEMBER 2023.

(Autonomous)

Third Semester

PROBLEM SOLVING AND PROGRAMMING

Time : Three hours Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer any TEN questions.

Each question carries 2 marks.

1. Define Variable.
2. What are the advantages of writing an algorithm?
3. What is debugging of errors?
4. Write the syntax of FOR statement.
5. What is the main difference between while and do-while ?
6. Define Array and its uses.

7. Write the types of Functions.

8. What is Dynamic Array and Character Array?

9. Explain ENUM.

10. Write the syntax for STRUCTURE.

11. How will you access a variable in file?

12. What are the operations handled in file?

SECTION B — (5 × 5 = 25 marks)

Answer any FIVE questions.

Each question carries 5 marks.

13. Differentiate compilers and Interpreters with appropriate points.

14. Explain the structure of C Programming.

15. Illustrate if and if-else with examples.

16. Write the syntax and program of switch statement.

17. Define Recursion. Write a C program to find factorial of a given number.

18. Write a simple Matrix Multiplication program using multi-dimensional array concept.

19. Explain union.

20. How will you allocate memory dynamically?

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

Each question carries 10 marks.

21. Define Datatypes and its types. Write a simple program of your own.

22. Explain Operators and Expressions with an example.

23. Describe Sring Manipulation with an example.

24. Write a C program by implementing Structure to Functions concept.

25. Elaborate File operations by create, open, access and close methods.

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