St. Michael Polytechnic College

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DEPT: ECE **YEAR/SEMESTER**: II / III
SUB.NAME: C PROGRAMMING

Each question carries 1(one) mark in PART-A and 12(twelve) marks in PART-B

PART – A

1. Define program

2. What is program development cycle?

3. What do you mean by High level language?

4. What are the features of a good programming language

5. Define algorithm

6. What is flow chart?

7. Define keyword

8. What is mean by C token?

9. What is mean by identifiers?

10. What is C constant?

11. What is a variable?

12. Define expression

13. What are the two types of expressions?

14. What is an operator?

15. What are the types of operators?

16. What is binary operator?

17. What is unary operator?

18. Give the syntax of scanf () function?

19. Give the syntax of printf () function?

20. What are the two types of declaration?

PART – B

1. Explain the block diagram of program development cycle

2. Briefly discuss about programming language

3. List the features of good programming language

4. Explain the structure of C program.

5. Write features of C-language

6. Explain the flowchart symbols

7. Give the advantages and limitations of flowchart

8. Explain the different types of operators

9. Briefly explain about the various data types in C language

10. Explain data type modifier

11. Write a program to factorial of N number

12. Explain formatted input function

13. Explain formatted output function

14. Write a C program to find the largest number between given three numbers

15. Write the program to find sum and average of N numbers