

**N.G.M.COLLEGE (AUTONOMOUS): POLLACHI  
END-OF-SEMESTER EXAMINATIONS: NOVEMBER-2024**

## **PART - III**

# **PROGRAMMING IN C**

## **ANSWER THE FOLLOWING QUESTIONS.**

## **MULTIPLE CHOICE QUESTIONS.**

(10 X 1 = 10 MARKS)

**SECTION – B** **(5 X 3 = 15 MARKS)**

**ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K3)**

11. a) Describe Decision Making and Looping with Example.  
**(OR)**  
b) Explain the concept of Operators and Expressions.

12. a) Examine with example about Arithmetic Operators and Characters.  
**(OR)**  
b) List Importance of Two Dimensional Array with example. **(CONTD.....2)**

13.a) Assess the Arguments with Return Values and No Arguments that Return a Value.  
**(OR)**  
b) Sketch on the Elements of User Defined Function with examples.

14.a) List some of the examples for Pointer Expression and Increments.  
**(OR)**  
b) Describe about the Array of Pointers.

15.a) Show the techniques involved in Error Handling during I/O Operations.  
**(OR)**  
b) Compute on Command Line Argument.

**SECTION – C****(5 X 5 = 25 MARKS)**

**ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.**  
**(K4 (Or) K5)**

16. a) Summarize C' Character Set ,Tokens ,Keywords , Identifiers , Constants, Variables.  
**(OR)**  
b) Analyse Decision Making and Branching with Examples.

17.a) Discuss Arrays within Structures ,Structures within Structures.  
**(OR)**  
b) Prioritize the Characteristics of Arrays & String Manipulation.

18. a) Categorize Function Calls & Declarations.  
**(OR)**  
b) Classify the scope, Visibility and Lifetime of Variables in Functions.

19.a) Accessing, Declaring & Initializing Pointer Variables.  
**(OR)**  
b) Pointers as Function arguments.

20.a) Discuss the concepts of Defining , Opening a File and Closing a File.  
**(OR)**  
b) Appraise the Random Access Files with example.

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