

(FOR THE CANDIDATES ADMITTED
DURING THE ACADEMIC YEAR 2022 ONLY)

22UCC512

REG.NO.

N.G.M.COLLEGE (AUTONOMOUS): POLLACHI
END-OF-SEMESTER EXAMINATIONS: NOVEMBER-2024
COURSE NAME: B.Com.- CA **MAXIMUM MARKS: 50**
SEMESTER: V **TIME: 3 HOURS**

PART - III
PROGRAMMING IN C

SECTION – A

(10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

MULTIPLE CHOICE QUESTIONS.

(K1)

1. Which of these is NOT a relational or logical operator?
a. = b. || c. == d. !=
2. The #include <stdio.h> is a _____.
a. Inclusion directive b. File inclusion directive
c. Pre-processor directive d. None of the above
3. The definition of the function abort() is in which header file?
a. stdlib.h b. assert.h c. stdio.h d. stdarg.h
4. Determine the output of the C code mentioned below: _____

```
#include <stdio.h>
int main()
{
float q = 'a';
printf ("%f", q);
return 0;
}
```


a. run time error b. a c. 97.000000 d. a.0000000
5. How many byte(s) does a short type take in C?
a. 1 b. 2 c. 3 d. 4

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES.

(K2)

6. Define Tokens with example.
7. Illustrate Initialization of Variable.
8. Indicate the Arguments with return values.
9. Define Chain of Pointers.
10. Interpret closing of files.

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.
