

NETTUR TECHNICAL TRAINING FOUNDATION
DIPLOMA IN COMPUTER ENGINEERING & IT INFRASTRUCTURE – CP08
II SEMESTER REGULAR & SUPPLEMENTARY EXAMINATION-JUNE 2023

Subject: C Programming
Subject Code: CP08204T

Total Time: 2 Hr.
Total Marks: 50

PART B

1.0 ANSWER ANY EIGHT OF THE FOLLOWING

2*8=16

- 1.1 List out any 4 features of C language
- 1.2 Name the 4 keywords in C language.
- 1.3 How to assign a value to a variable?
- 1.4 What is the value of x if $\text{int } x=5\%2+5/2$?
- 1.5 Write one example for reading an integer variable using scanf() function
- 1.6 Write the syntax of if-else statement
- 1.7 What is the use of fopen() function?
- 1.8 What do you mean by a string in C language?
- 1.9 What are the 4 parts of function declaration?
- 1.10 What are the 3 methods to define a structure?

2.0 ANSWER ANY SIX OF THE FOLLOWING

3*6=18

- 2.1 Write a C program to display the message “HelloWorld”
- 2.2 How will you declare a constant and volatile keyword in C language?
- 2.3 What are the logical operator in C and write the symbol?
- 2.4 Write a C program to find sum of two integer numbers using scanf() and printf() function.
- 2.5 What is loop? What are the different types of loop in C language?
- 2.6 How does an append mode differ from write mode?
- 2.7 What is the difference between gets() and puts() function?
- 2.8 How structures differ from an array in C language?

3.0 ANSWER ANY FOUR OF THE FOLLOWING

4*4=16

- 3.1 Distinguish between character constant and string constant in C language.
- 3.2 Write a C program to check whether an entered number is divisible by 5.
- 3.3 Explain any 4 string handling function in C language with example.
- 3.4 Write a C program to find factorial of a number using recursive function.
- 3.5 Write the difference between structure and union.
- 3.6 What is an array? Explain the different types of arrays in C language.

