

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

Subject: OOPs with C++
Subject Code: CP08307T

Total Time: 2 Hr.
Total Marks: 50 marks

PART B

1.0 ANSWER ANY EIGHT OF THE FOLLOWING **2*8=16**

- 1.1 What is class?
- 1.2 What is reference variable with syntax?
- 1.3 Describe data member and member function
- 1.4 What is the syntax of initializing a static data member?
- 1.5 Define Derived class
- 1.6 What is the syntax of overloading an operator?
- 1.7 What is mean by input stream?
- 1.8 What is the use of get() and put() functions with syntax in file stream?
- 1.9 What is mean by exceptions?
- 1.10 What is polymorphism and what are the types of polymorphism?

2.0 ANSWER ANY SIX OF THE FOLLOWING **3*6=18**

- 2.1 List out different error handling functions
- 2.2 What is mean by function overloading explain with an example program?
- 2.3 What are the two ways to define a member function?
- 2.4 What are the characteristics of a constructor?
- 2.5 Write a c++ program to overload binary + using member function.
- 2.6 Define Base class and derived class.
- 2.7 Explain the structure of c++ program with example
- 2.8 Write a short note about access specifier

3.0 ANSWER ANY FOUR OF THE FOLLOWING **4*4=16**

- 3.1 Differentiate procedure oriented programming and object oriented programming
- 3.2 Write a program to implement call by value and call by reference mechanism
- 3.3 What are the different Unformatted I/O operations?
- 3.4 Write a c program to implement array of objects
- 3.5 What is inheritance and explain its types in detail with an example program
- 3.6 What is constructor? Explain its types with example program

