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DMI-ST.EUGENE UNIVERSITY
DEGREE EXAMINATION – DECEMBER – 2022

SEM: VI 055CS64 OBJECT ORIENTED PROGRAMMING IN C++

Time: 3 Hours

Max. Marks: 100

Answer any Five questions (5 x 20 = 100 Marks)

1. a) Enlighten Basic Concepts Of OOP.(10Marks)
b) What are benefits of oops and Explain? (5 Marks)
c) What is C++ As Object-Oriented Programming Language? (5 Marks)
2. a) Explain Function Overloading with example.(10 Marks)
b) Explicate the Operator Overloading (10 Marks)
3. a) Illustrate C++ Friend Class with program. (10 Marks)
b) What is the C++ friend functions and Explain. (10 Marks)
4. a) Briefly explain the Error Handling. (10 Marks)
b) Analyse the Exception Specifications in detail. (10 Marks)
5. a) Briefly explain the Containers Adapters(10 Marks)
b) Explain sequence containers. (10 Marks)
6. a) What is the Static Member Functions? and explain it. (10 Marks)
b) Expand the Virtual Constructors and Destructors. (10 Marks)
7. a) What are the rules for virtual function and explain? (10 Marks)
b) Explain Classification of Inheritance (10 Marks)