

Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)

MCA I Year II Semester Regular Examinations October-2020
OBJECT ORIENTED PROGRAMMING THROUGH C++

Time: 3 hours

Max. Marks: 60

(Answer all Five Units **5 x 12 = 60** Marks)**UNIT-I**

1 Explain details about need for OOPS paradigm & Explain Features of OOPS. **12 M**

OR

2 a What is pointer? Explain details about types of pointer with an example. **6 M**

b Explain details about the Function Template & Class Templates with an example. **6 M**

UNIT-II

3 Define Constructor & Destructors. Explain the Types of Constructor with an example. **12 M**

OR

4 a Describe details about Preprocessor directives & name spaces with an example. **6 M**

b What is Data abstraction with an example? **6 M**

UNIT-III

5 Explain details about Inheritance & Types of Inheritance with an example. **12 M**

OR

6 Explain details about Overloading & Types of overloading with an example. **12 M**

UNIT-IV

7 Describe details about Static & Dynamic Binding with an example. **12 M**

OR

8 a Explain details about Virtual Function call Mechanism with example. **6 M**

b Write short notes on Polymorphism with an example. **6 M**

UNIT-V

9 Explain details about File Creation & File Operation with an example. **12 M**

OR

10 a Explain details overloading operators << & >> with an example. **6 M**

b Describe details about try, throw, and catch, finally with an example. **6 M**

*** END ***