Reg. No: | | | | | | | | | | | |

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
MCA I Year II Semester Supplementary Examinations May-2022
JAVA PROGRAMMING

Time: 3 hours   Max. Marks: 60

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

UNIT-I

1 a	Describe the following concepts Encapsulation.	L1	4M
b	Polymorphism	L1	4M
c	Inheritance.	L1	4M

OR

2	What is Array? Explain in detail about types of Array with an example.	L1	12M

UNIT-II

3 a	What is interface? Explain the support of multiple interfaces with an example.	L4	6M
b	Write a program of the Method Overriding & Method overloading.	L2	6M

OR

4 a	What is abstract class? Explain with an example.	L1	4M
b	Write a program that illustrates the dynamic binding? Explain.	L3	8M

UNIT-III

5	Write a java program to read the file contents and copy the content toother file.	L4	12M

OR

6	What is java collection framework? Explain detail about the Array List & Liked List with an example.	L1	12M

UNIT-IV

7	Explain in detail usage of try, catch, throw, throws, finally with anexample.	L1	12M

OR

8 a	Differentiate the thread class and runnable interface with a sampleexample.	L4	6M
b	Give a guideline of proper use of exception handling with a sampleprogram.	L4	6M

UNIT-V

9	Explain in details of Layout mangers with an example.	L2	12M

OR

10 a	Write a program of simple banner applet?	L3	6M
b	Explain in detail about Event Listener with an example.	L2	6M

*** END ***