Reg. No: ☐☐☐☐☐☐☐☐☐☐☐

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech II Year II Semester Supplementary Examinations February-2022
OBJECT ORIENTED PROGRAMMING
(Common to CSE & CSIT)

Time: 3 hours   Max. Marks: 60

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

UNIT-I

1	a	Explain History and Evolution of Java.	7M
	b	Explain Java Buzz Words.	5M

OR

2	a	Write a Java program to interchange the values without using third variable.	6M
	b	Write a Java program to use Bit-wise operators.	6M

UNIT-II

3	a	What is mean by OOP? Explain OOP Concepts?	6M
	b	Write about Garbage Collector in Java.	6M

OR

4	a	What is a package? How to create user defined package in java with example.	6M
	b	What is an interface? Rules to create an interface in java with example.	6M

UNIT-III

5	a	What is Multithreading? What are the ways to create multiple threads in java.	6M
	b	Explain about Thread Life Cycle.	6M

OR

6	a	What is a String? Write different types of String declarations with an example.	4M
	b	Write a java program to check the given string is palindrome or not.	8M

UNIT-IV

7	a	What is an Applet? Write the types of an applet.	4M
	b	Write a java applet program to display Smiley Face on the Applet.	8M

OR

8	Write a java swing program to find the sum of two numbers.	12M

UNIT-V

9	a	Explain java networking? Explain the architecture of networking in java.	6M
	b	Discuss about socket programming in java.	6M

OR

10	a	What are the different JDBC Drivers used to connect with database.	6M
	b	Explain about JDBC-ODBC architecture with a neat diagram.	6M

*** END ***