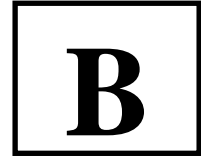# SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)
Coimbatore – 641 035.

B.E / B.Tech – Internal Assessment Exam- I
Academic Year 2022-2023 (EVEN)
SECOND SEMESTER(REGULATION R2019)

B

19CST102 – OBJECT ORIENTED PROGRAMMING

[Common to AIML,CSE& IT]

TIME:1.5 HOURS   **MAXIMUM MARKS:50**

ANSWER ALL QUESTIONS

PART A — (5 x 2 = 10 Marks)

1.	What is meant by bottom up approach?	CO1	REM
2.	List out the advantage of static members.	CO1	UND
3.	Difference between Polymorphism and Inheritance	CO1	REM
4.	What is meant by Protected Class ?	CO2	UND
5.	Write in brief about JDK.	CO2	REM

PART B — (2 x 13 + 1 x 14= 40Marks)

6. (a)	(i) Explain in detail about features of Java.	CO1	7	REM
	(ii)Illustrate Operator types using Java Program	CO1	6	ANA
	(OR)			
(b)	Illustrate OOP concepts with Java Snippet in detail.	CO1	13	UND
7. (a)	Explain in detail about Relationship between JVM and JRE.	CO2	13	UND
	(OR)			
(b)	How to invoke the method automatically in java? How to pass the parameter and copied the automatically called Method?	CO2	13	ANA
8. (a)	Write a Java program using data types,operators and Variables by getting the user value.	CO1	14	APP
	(OR)			
(b)	Write a Java program to perform prime number and Even or Odd.	CO2	14	APP

Faculty Incharge   **Verified by**   **HoD**
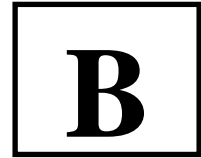
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