Vivekananda College of Engineering & Technology, Puttur
[A Unit of Vivekananda Vidyavardhaka Sangha Puttur ®]
Affiliated to VTU, Belagavi & Approved by AICTE New Delhi

CRM08	Rev 1.14 (2022 rev)	Computer Science	1.09.2023

CONTINUOUS INTERNAL EVALUATION - 2

Dept:Compter Science	SemDiv: 1st /AI/ CD/CV/ME	Sub:Basics of Java Programming	Scode: BPLCK105C
Date 10/1/ 24	Time: 3:00-4:30	Max Marks: 50	Elective:Y

Note: Answer any 2 full questions, choosing one full question from each part.

QN		Questions	Marks	RBT	CO's
		PART A			
1	a	Define method overloading with example. mod3	8	L1	CO3
	b	Declare a class and initialize an object Define Constructor with example	10	L2	CO3
	c	Define an exception. Mention general form of it. What are the key terms used in exception handling? Explain.	7	L1	CO4
		OR			
2	a	Mention ways of argument passing with example.	8	L1	CO3
	b	Mention use of super keyword with example.	10	L1	CO3
	c	What do you mean by a package? How do you use it in a Java program? Explain with a program	7	L1	CO4
		PART B			
3	a	Write a note on Access Protection	5	L2	CO4
	b	.Write an abstract class *shape*, which has an abstract method *area()*. Derive three classes *Triangle*, *Rectangle* and *Circle* from the *shape* class and to override *area()*. Implement run-time polymorphism by creating array of references to supeclass. Compute area of different shapes and display the same. (Write output also)	10	L3	CO4

	c	Define method overriding with example and Explain types of Inheritance	10	L1	CO3
		OR			
4	a	How object can be passed as argument- Justify with example.	5	L1	CO3
	b	Define an interface. Explain how to define and implement an interface with an example.	10	L2	CO4
	c	Write a note on 1.Uncaught Exceptions 2. Garbage collection 3. this 4. Use defined Exception 5. checked exceptions	10	L1	CO4

Prepared by: Manasa P

Shrinidhi A

HOD