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

CRM08	Rev 1.10	CSE	22/08/22
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CONTINUOUS INTERNAL EVALUATION - 3

Dept: CSE	Sem / Div:4CS A&B	Sub: Object Oriented Concepts	S Code:18CS45
Date:02/09/22	Time:9.00am- 10.30am	Max Marks:50	Elective: N

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


QN	Questions	Marks	RBT	CO's
PART A				
1	a With relevant example explain methods to create threads in JAVA.	10	L2	CO3
	b How synchronization can be achieved between threads in java? Explain with an example program and display the output.	10	L2	CO3
	c Illustrate with an example program the use of isAlive() method. Display the output.	5	L2	CO3
OR				
2	a Describe thread priority. How to assign and get thread priority? Explain with a programming example and display the output.	10	L2	CO3
	b Write a java program to implement Producer-Consumer problem using thread.	10	L2	CO3
	c Write a java program to create two threads, one thread displays "VTU" and other thread displays "Belagavi" on the screen continuously.	5	L2	CO3

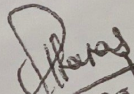
PART B

3	a	Create a Swing Applet having two buttons named alpha and beta. When either of the buttons pressed, it should display "alpha pressed" and "beta pressed" respectively.	10	L2	CO4
	b	Write a java program to handle mouse events.	10	L2	CO4
	c	How inner classes are used in java? Explain with programming example.	5	L2	CO4

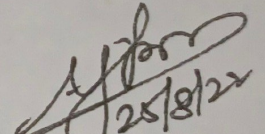
OR

4	a	Write a simple swing application program and also mention the steps to compile and run the swing program.	10	L2	CO4
	b	Write a java program to create a table with column headings such as FNAME, LNAME, AGE, EMAILID and insert at least 5 records in the table and display.	10	L2	CO4
	c	Explain swing JCheckBox with an example program.	5	L2	CO4


25/8/22


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Prepared by: Pramod Kumar PM, Thapaswini PS


25/8/22
HOD