

**CONTINUOUS INTERNAL EVALUATION- 3**

Dept: CSE	Sem / Div:4A & B	Sub: Object Oriented Concepts	S Code:18CS45
Date:06/08/2021	Time:9.30-11.00 AM	Max Marks: 50	Elective: N
Note: Answer any 2 full questions, choosing one full question from each part.			

Q N	Questions	Marks	RBT	COs
<b>PART A</b>				
1 a	What is a thread? Explain different ways of creating a thread with an example.	10	L3	CO3
b	How synchronization can be achieved between threads in Java? Explain with an example.	10	L3	CO3
c	With syntax explain the use of isAlive() and Join() methods.	5	L2	CO3
<b>OR</b>				
2 a	What are Interfaces? Explain Interface definition and implementation in java with an example.	10	L2	CO3
b	Explain packages in Java with an example. Also explain access protection in packages.	10	L2	CO3
c	Develop a program to demonstrate Thread priorities in Java.	5	L3	CO3
<b>PART B</b>				
3 a	Explain how to handle mouse events in applet with an example.	10	L3	CO4
b	Explain the following with syntax and an example for each. i) JLabel ii) Jtextfield iii) JButton iv) JComboBox	10	L3	CO4
c	Explain the adaptor class with an example.	5	L2	CO4
<b>OR</b>				
4 a	Write an applet program to demonstrate keyboard events in java.	10	L3	CO4
b	Create swing applet that has two buttons named beta and gamma. When either of the buttons pressed, it should display “beta pressed” and “gamma pressed” respectively.	10	L3	CO4
c	Explain with suitable example inner class.	5	L2	CO4



