

CONTINUOUS INTERNAL EVALUATION- 2

Dept: CSE	Sem / Div:3 A&B	Sub: Software Engineering	S Code:18CS35
Date:03/12/2020	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
PART A				
1 a	Draw a context model for MHC-PMS system. How the interactions are modeled?	8	L2	CO3
b	What is sequence model? Write the diagram for sequence model of operation in collecting data from whether station and explain.	8	L2	CO3
c	What is testing? Explain component testing.	9	L2	CO4
OR				
2 a	What is behavioral model? Write the state diagram for microwave oven and explain.	8	L2	CO3
b	What is model driven engineering? Explain in detail about three types of abstract model to be produced.	8	L2	CO3
c	Define TDD(Test Driven Development). Explain the fundamental TDD process and benefits of TDD.	9	L2	CO4
PART B				
3 a	With a neat diagram explain the phases of RUP and also list out the good practices recommended by RUP.	8	L2	CO3
b	Draw UML state diagram for weather station and explain.	8	L2	CO3
c	Define user testing. Explain six stages of acceptance testing process.	9	L2	CO4
OR				
4 a	Write a short note on the following: i) design pattern ii) open source licensing	8	L2	CO3
b	Discuss the implementation issues important in software engineering.	8	L2	CO3
c	Explain release testing in detail.	9	L2	CO4