

CONTINUOUS INTERNAL EVALUATION- 1

Dept: CSE	Sem / Div: 3 CS 'A' & 'B'	Sub: Software Engineering	S Code: 18CS35
Date: 21/10/2020	Time: 9:30 AM - 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	Explain four steps in spiral model of requirements elicitation and analysis process. And why the understanding of requirements from stakeholders is difficult task? Explain.	10	L2	CO1
b	Explain functional and non-functional requirements with suitable examples.	10	L2	CO1
c	Explain the different checks to be carried out during requirement validation process.	5	L2	CO1
OR				
2 a	With the help of a neat diagram, explain Boehm's spiral model.	10	L2	CO1
b	Explain below listed software process activities with the help of neat diagram i. Software specification ii. Software design and implementation	10	L2	CO1
c	List and explain the essential attributes of good software.	5	L2	CO1
PART B				
3 a	Explain overriding features of object oriented concepts. Write and explain class model of windowing system.	10	L3	CO2
b	With the help of sample class model, explain the following i. Multiplicity ii. Association end names iii. Bags and sequence iv. Association class v. Qualified association	10	L2	CO2
c	Explain the three models of OO development. Bring out the relationship among the models.	5	L2	CO2
OR				
4 a	What is OO development? Explain OO methodology and what are OO themes?	10	L2	CO2
b	What is generalization? Briefly discuss the generalization of equipment.	10	L3	CO2
c	What is a model? What purpose model serve? Explain.	5	L2	CO2