

## VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE [Central Technological Institute, Maharashtra State] Matunga, Mumbai-400 019

Contract and			
SEMESTER EXAMINATION	TA Examination-NOV 2020	DATE:	11/02/2021
SEMESTER & PROGRAM	Sem-VI T.Y. B.Tech (Computer Engg)	TIME	3.00PM to 4.00 PM
TIME ALLOWED	4000 min	MARKS	40
COURSE (Course Code)	Software Engineering II	•	_

## Instructions

Que. 1

- 1. Solve ALL question
- 2. All questions carry equal marks.
- 3. Figures to the right indicate full marks.
- 4. Answer to sub question should be answered one below the other.
- 5. Forward Handwritten Answer Sheet in pdf format from your official login to classroom of software engineering II. before 5.00 PM.

## Section A: R4CO3011T Software Engineering II-TA(10 marks)

For your TA ASSIGNMENT-CASE STUDY, Give brief scope and

	(i)Draw class diagram; clearly specify all attributes and methods with				
	access specifiers and constraints.				
	OR				
	(ii)Give data and process model design using C++ or JAVA.				
	Section B: R4CO3011P Software Engineering II Lab(30 marks)				
Que. 2	For your SOFTWARE ENGINEERING II LAB- CASE STUDY,				
	(i)Give functional and non-functional requirements.				
	(ii) Construct use case diagram in detail. Give your opinion about				
	primary actors and secondary actors involved in the case study.				
	(iii) Identify most important primary actor's use case and write text				
	expression or algorithm using Use case template.	10			
	(iv) Give state transition diagram <u>OR</u> interaction diagram for the" use	05			
	case of Que. 2(iii)"				

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