Maximum Marks: 30	Semester: January 2022 – May 2022 Examination: In-Semester Examination		Duration :1 hr 15min
Programme code: 116U01 Programme: BTech Computer Engineering		Class: TY	Semester: V(SVU 2020)
Name of the Constituent College: K. J. Somaiya College of Engineering		Name of the department: COMPUTERS	
Course Code: 116UC501	Name of the Course: Software Engineering		

Question No.	Questions	Max. Marks	CO Mapped	BT Level
Q1	Draw Use case diagram for Engineering college portal kindly state the attributes, requirements and constraints clearly. **OR** Draw Class diagram for Engineering college portal kindly state the attributes, requirements and constraints clearly.	10	CO2	AP
Q2	Your software development organization has received a project to develop online banking portal. Select appropriate SDLC model for implementing the above application. Justify your choice of model also mention the limitations if any.	10	CO1	AP
Q3	a) Explain in detail CMMI levels. b) State and explain various umbrella activities followed in software development.	05 05	CO1 & CO2	RE