VPKBIET, Baramati

Department of Computer Engineering

Mid Sem Test (2022-23) / SE (COMP)

Subject: Software Engineering   **Date: 29/03/2023**

Max. Marks: 30   **Time: 01 Hour**

Instructions to the candidates:

1) Attempt Q.1 or Q.2, Q.3 or Q.4

2) Neat diagrams must be drawn wherever necessary.

3) Figures to the right indicate full marks.

4) Assume suitable data, if necessary

Q. No.	Sub Q. No.	Question	CO	BTL	Mark
1	A	Define software engineering? What are the software characteristics? What are the various categories of software?	**CO1**	**2**	**7**
	B	Explain the generic process model of software development.	**CO1**	**1,2**	**7**
OR					
2	A	List and explain the characteristics that describe the nature of software.	**CO1**	**1,3**	**7**
	B	Explain in detail Elements of the Requirements Model	**CO1**	**2**	**7**
3	A	What is software process model? Explain the incremental model.	**CO2**	**1**	**8**
	B	State and explain in brief requirement engineering task	**CO2**	**1**	**8**
OR					
4	A	For "Banking system", make your assumption about the scope of the system, identify use case and depict in the diagram	**CO2**	**2**	**8**
	B	Explain how an ATM machine is supposed to behave with the help of a state diagram?	**CO2**	**1,3**	**8**