

**Model Question Paper-1 with effect from 2021(CBCS Scheme)**

USN

--	--	--	--	--	--	--	--	--	--

**Sixth Semester B.E. Degree Examination**  
**SOFTWARE ENGINEERING & PROJECT MANAGEMENT**  
**21CS61**

**TIME: 03 Hours****Max. Marks: 100**

Note: Answer any **FIVE** full questions, choosing at least **ONE** question from each **MODULE**.

<b>Module -1</b>			<b>*Bloom's Taxonomy Level</b>	<b>COs</b>	<b>Marks</b>
Q.01	a	Define software engineering and explain its process.	L1	1	10
	b	With a neat diagram explain Prescriptive and Waterfall model.	L2	1	10
<b>OR</b>					
Q.02	a	Explain Software Myths with examples.	L2	1	10
	b	With a neat diagram explain Incremental process models and Evolutionary process models.	L2	1	10
<b>Module-2</b>					
Q. 03	a	What are the nature of Software system and explain its characteristics.	L2	2	10
	b	How Requirement engineering it works explain in detail.	L2	2	10
<b>OR</b>					
Q.04	a	Explain three types of QFD with examples.	L2	2	10
	b	Explain scenario based model with example.	L1	2	10
<b>Module-3</b>					
Q. 05	a	Define Agile Process and explain agility principle.	L2	3	10
	b	With a Neat Diagram explain Extreme Programming (XP).	L2	3	10
<b>OR</b>					
Q. 06	a	Write a short note on Scrum and Crystal.	L2	3	10
	b	Explain Communication Practice principle.	L2	3	10
<b>Module-4</b>					
Q. 07	a	What is software project management explain project management life cycle.	L2	4	10
	b	List and explain categorizing software projects.	L1	4	10
<b>OR</b>					
Q. 08	a	Explain traditional v/s project management practices.	L2	4	10
	b	How to assess Project Success and Failure in SPM.	L2	4	10

Module-5					
Q. 09	a	Define software quality and explain place of software quality in project management.	L2	5	10
	b	Explain capability process model and CMM key areas.	L2	5	10
OR					
Q. 10	a	Explain product v/s process quality management.	L2	5	10
	b	Explain in detail the techniques to enhance software quality.	L1	5	10

\*Bloom's Taxonomy Level: Indicate as L1, L2, L3, L4, etc. It is also desirable to indicate the COs and POs to be attained by every bit of questions.