

Code No: **R20A0511****MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY****(Autonomous Institution – UGC, Govt. of India)****III B.Tech I Semester Supplementary Examinations, June 2025****Software Engineering****(CSE, IT, CSE-CS, CSE-AIML, CSE-IOT & B.Tech-AIML)**

Roll No										
---------	--	--	--	--	--	--	--	--	--	--

Time: 3 hours**Max. Marks: 70**

Note: This question paper Consists of 5 Sections. Answer **FIVE** Questions, Choosing **ONE** Question from each SECTION and each Question carries 14 marks.

SECTION-I

			BCLL	CO(s)	Marks
1	<i>A</i>	What is software engineering? Explain software engineering: A Layered Technology.	L1	CO-I	[7M]
	<i>B</i>	What is a myth? Give a focus on various software myths regarding Management and Practitioner	L1	CO-I	[7M]
OR					
2	<i>A</i>	Explain in detail about iterative and waterfall model	L2	CO-I	[7M]
	<i>B</i>	Describe the various Evolutionary Process Models with neat diagram	L2	CO-I	[7M]

SECTION-II

3	<i>A</i>	Summarize on user requirements and system requirements in detail	L1	CO-II	[7M]
	<i>B</i>	Narrate the importance of software specification of requirements	L1	CO-II	[7M]
OR					
4	<i>A</i>	Demonstrate on the requirement validation techniques	L3	CO-II	[7M]
	<i>B</i>	Discuss about the requirement management planning	L2	CO-II	[7M]

SECTION-III

5	<i>A</i>	Explain about the various design concepts considered during design?	L2	CO-III	[7M]
	<i>B</i>	Illustrate in detail about any four architectural styles.	L2	CO-III	[7M]
OR					
6	<i>A</i>	Describe the golden rules for interface design?	L2	CO-III	[7M]
	<i>B</i>	Discuss about user interface analysis in detail	L2	CO-III	[7M]

SECTION-IV

7	<i>A</i>	What is testing? Explain the different levels of testing.	L1	CO-IV	[7M]
	<i>B</i>	What do you mean by system testing? Explain in detail	L1	CO-IV	[7M]
OR					
8	<i>A</i>	Analyse on the concept of risk Projection	L2	CO-IV	[7M]
	<i>B</i>	Discuss on the concept of RMMM	L2	CO-IV	[7M]

SECTION-V

- | | | | | | |
|-----------|-----------------|---|-----------|-------------|-------------|
| 9 | <i>A</i> | What is the necessity of quality assurance in software development? | L1 | CO-V | [7M] |
| | <i>B</i> | Deliberate the procedure of formal technical reviews in testing the software. | L2 | CO-V | [7M] |
| | | OR | | | |
| 10 | <i>A</i> | What is SQA? Discuss in detail SQA Activities? | L1 | CO-V | [7M] |
| | <i>B</i> | Explain the case study: ATM Management system | L2 | CO-V | [7M] |
