

ANURAG Engineering College

(An Autonomous Institution)

III B.Tech II Semester Supplementary Examinations, December-2024

SOFTWARE ENGINEERING

(COMMON TO CE, EEE, ME, ECE)

Time: 3 Hours**Max. Marks: 75****Section – A (Short Answer type questions)****(25 Marks)****Answer All Questions**

	Course Outcome	B.T Level	Marks
1. What is the evolving role in software in the IT Industry?	CO1	L1	2M
2. What are the personal and team process models?	CO1	L2	3M
3. Write about functional and Nonfunctional requirements?	CO2	L1	2M
4. What is feasibility studies? with example.	CO2	L2	3M
5. What are the data models and object models?	CO3	L1	2M
6. Define design concepts?	CO3	L2	3M
7. Define verification and validation in software engineering?	CO4	L1	2M
8. Write short notes in stress testing?	CO4	L2	3M
9. What are the metrics for software quality?	CO5	L1	2M
10. Define RMMM Plan?	CO5	L2	3M

Section B (Essay Questions)**Answer all questions, each question carries equal marks.****(5 X 10M = 50M)**

11. A) Briefly explain layered technology in software engineering.	CO1	L2	10M
OR			
B) What is CMMI? And explain levels of CMMI.	CO1	L3	10M
12. A) Explain in detail evolutionary process model.	CO2	L2	10M
OR			
B) Discuss about Requirements management and its process.	CO2	L3	10M
13. A) Briefly explain design models.	CO3	L2	10M
OR			
B) Explain about golden rules in user interface?	CO3	L3	10M
14. A) What is testing? Contrast and explain the different levels of testing.	CO4	L2	10M
OR			
B) Distinguish between system testing and conventional software testing.	CO4	L3	10M
15. A) Briefly explain reactive and proactive risk strategies.	CO5	L2	10M
OR			
B) Explain about software reliability and software quality assurance.	CO5	L3	10M