

ANURAG Engineering College

(An Autonomous Institution)

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

SOFTWARE ENGINEERING

(COMPUTER SCIENCE AND ENGINEERING)

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

	Course Outcome	B.T Level	Marks
1. List out the characteristics of software.	CO1	L1	2M
2. Explain CMMI.	CO1	L2	3M
3. What are nonfunctional requirements.	CO2	L1	2M
4. Explain process model.	CO2	L2	3M
5. What is design quality.	CO3	L1	2M
6. Explain system models.	CO3	L2	3M
7. What is the need of software testing.	CO4	L1	2M
8. Explain verification and validation.	CO4	L2	3M
9. What is software risks.	CO5	L1	2M
10. Define Software reliability.	CO5	L1	3M

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

11. A) State and explain various software myths.	CO1	L2	10M
OR			
B) What are the five generic process framework activities? Explain.	CO1	L2	10M
12. A) Explain incremental model with its merits and demerits.	CO2	L2	10M
OR			
B) State and explain various aspects in requirements validation process.	CO2	L2	10M
13. A) Explain behavioral and object models.	CO3	L2	10M
OR			
B) Explain about conducting component level design.	CO3	L2	10M
14. A) Explain black box testing and white box testing.	CO4	L2	10M
OR			
B) What is testing? Contrast and explain the different levels of testing.	CO4	L2	10M
15. A) Explain in detail RMMM.	CO5	L2	10M
OR			
B) Explain about formal technical reviews.	CO5	L2	10M