

ANURAG Engineering College

(An Autonomous Institution)

II B.Tech. I Semester Regular Examinations, Jan/Feb-2024

SOFTWARE ENGINEERING**(ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)****Time: 3 Hours****Max. Marks: 60****Section – A (Short Answer type questions)****(10 Marks)****Answer All Questions**

	Course Outcome	B.T Level	Marks
1. What does CMMI Stands for	CO1	L1	1M
2. List various software process models	CO1	L1	1M
3. What is System Requirements	CO2	L1	1M
4. What are key activities involved in requirements management	CO2	L1	1M
5. List out design quality attributes	CO3	L1	1M
6. What are the key components of a Use Case Diagram	CO3	L1	1M
7. What is System Testing	CO4	L1	1M
8. What is Software Metric	CO4	L1	1M
9. What is risk refinement	CO5	L1	1M
10. List out Quality Standards	CO5	L1	1M

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

11. A) Explain about Software Myths	CO1	L2	10M
OR			
B) Explain Waterfall Model in detail	CO1	L2	10M
12. A) Explain User and System requirements	CO2	L2	10M
OR			
B) Explain Requirements Management	CO2	L2	10M
13. A) Explain about architectural design	CO3	L2	10M
OR			
B) Explain Use Case Diagrams with example	CO3	L2	10M
14. A) Discuss in detail about black-box testing	CO4	L3	10M
OR			
B) Explain about metrics of software quality	CO4	L2	10M
15. A) Explain about RMMM	CO5	L2	10M
OR			
B) Explain the purpose of ISO 9000 Software Quality Model	CO5	L2	10M