R22

ANURAG Engineering College
(An Autonomous Institution)
II B.Tech II Semester Regular Examinations, June/July – 2024
SOFTWARE ENGINEERING
(COMPUTER SCIENCE AND ENGINEERING)

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 are the layers of software engineering	CO1	L1	1M
2.	What is a software process model	CO1	L1	1M
3.	What is the software requirement document?	CO2	L1	1M
4.	What is validation in software engineering	CO2	L1	1M
5.	What are the levels in data design	CO3	L1	1M
6.	What are the four main components of a use case diagram?	CO3	L1	1M
7.	What is system testing	CO4	L1	1M
8.	What is software quality	CO4	L1	1M
9.	What is software risk	CO5	L1	1M
10.	What are the ISO 9000 quality standards?	CO5	L1	1M

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

			Course Outcome	B.T Level	Marks
11.	A)	Explain about Waterfall Model	CO1	L2	10M
		OR			
	B)	Explain the various software myths	CO1	L2	10M
12.	A)	Explain about Functional and Non-Functional Requirements	CO2	L2	10M
		OR			
	B)	Explain about requirements elicitation and analysis	CO2	L2	10M
13.	A)	Explain about Class Diagrams	CO3	L2	10M
		OR			
	B)	Explain Architectural Styles and Patterns	CO3	L2	10M
14.	A)	Explain about White box and Black box testing	CO4	L2	10M
		OR			
	B)	Explain about metrics for software quality	CO4	L2	10M
15.	A)	Explain about risk identification and risk projection	CO5	L2	10M
		OR			
	B)	Explain statistical software quality assurance	CO5	L2	10M