

Model Question Paper
ANURAG Engineering College
 (An Autonomous Institution)
 III B.Tech. II Semester Regular Examinations, June-2025
SOFTWARE ENGINEERING
 (IT)

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 characteristics of software	CO1	L1	1M
2.	What are the layers of software engineering	CO1	L2	1M
3.	What is interface specification	CO2	L1	1M
4.	What are types of checks in requirements validation	CO2	L1	1M
5.	List out design quality attributes	CO3	L1	1M
6.	What are the levels in data design	CO3	L1	1M
7.	What is validation testing	CO4	L2	1M
8.	List out the types of system testing	CO4	L1	1M
9.	What is risk refinement	CO5	L2	1M
10.	What the concepts of quality	CO5	L1	1M
Section – B (Essay Questions)				
Answer all questions, each question carries equal marks.		(5 X10M = 50M)		
11.	Explain about software myths	CO1	L1	10M
OR				
12.	Describe agile process models	CO1	L2	10M
OR				
13.	Write about user requirements	CO2	L1	10M
OR				
14.	Explain about functional and functional and non functional requirements	CO2	L2	10M
OR				
15.	Explain about architectural design	CO3	L2	10M
OR				
16.	Describe basic structural modelling	CO3	L3	10M
OR				
17.	Explain strategic approaches for software testing	CO4	L2	10M
OR				
18.	Explain white box testing and block box testing	CO4	L3	10M
OR				
19.	Write about risk identification	CO5	L2	10M
OR				
20.	Explain statistical software quality assurance	CO5	L3	10M