



R20 Regulation *Subject code: 3P4EC*
TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
(Autonomous, Accredited by NAAC with 'A+' Grade)

B.Tech IV Semester Supplementary Examinations, July 2024

SOFTWARE ENGINEERING
(Common to CSE & CSM(AI&ML))

Maximum Marks: 70

Date:23.07.2024 Duration: 3 hours

- Note:
1. This question paper contains two parts A and B.
 2. Part A is compulsory which carries 20 marks. Answer all questions in Part A.
 3. Part B consists of 5 Units. Answer any one full question from each unit which carries 10M.
 4. Each question carries 10 marks and may have a, b, c, d as sub questions.

Part-A

All the following questions carry equal marks (10X2M=20 Marks)		CO	Bloom Tx
1	Explain legacy software?	1	L2
2	What are the advantages of unified process?	1	L1
3	Define data dictionary?	2	L2
4	What is SRD?	2	L1
5	Write the difference between cohesion and coupling?	2	L2
6	What is mean by software design quality?	3	L1
7	Write about drivers and stubs.	4	L2
8	Differentiate between alpha testing and beta testing.	4	L2
9	Define Risk.	5	L1
10	Define risk projection	5	L1

Part-B

Answer All the following questions. (5X10M=50Marks)			
11	Discuss briefly about Evolutionary process models with neat diagram. [10 M]	1	L2
	OR		
12	Illustrate about unified process phases. [10 M]	1	L2
13	List and explain the object models in brief. [10M]	2	L2
	OR		
14	a) Explain the Feasibility Study? (5M) b) Discuss about different structured methods used in software development. (5M)	2	L2
15	a) List the basic design principles for designing class-based components. (5M) b) Discuss in detail about Coupling and also explain different categories of Coupling. (5M)	3	L2
	OR		
16	Describe mapping data flow into a software architecture. [10 M]	3	L2

17	Discuss black box testing in a detailed view. [10 M]	4	L1
	OR		
18	Brief about integration testing strategies. [10 M]	4	L1
19	Explain RMMM in detail. [10 M]	5	L2
	OR		
20	Discuss various software risks. [10 M]	5	L1