Regulation R18 *Subject code: 2E6FB*

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous, Accredited by NAAC with 'A+' Grade)

B.Tech VI Semester Supplementary Examinations, February 2024

SOFTWARE PROJECT MANAGEMENT

(IT)

Maximum Marks: 70 Date: 22.02.2024 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	What are the parameters of cost models?	CO1	L1
2	Define late design breakage	CO1	L1
3	What is configurable process?	CO2	L1
4	What are five staffing principles?	CO2	L1
5	Define elaboration phase	CO3	L1
6	Define artifactset	CO3	L1
7	What is WBS?	CO4	L1
8	What are the responsibilities of SEEA?	CO4	L1
9	Explain about configuration baseline	CO5	L2
10	What are the sources of architectural risks?	CO5	L1
	Part-B		
Answer All the following questions. (5X10M=50Marks)			
11	A. Explain waterfall model. (5M) B. Describe the three generations of software economics. (5M)	CO1	L2 L2
	OR		
12	Explain the following: A. Adversarial stakeholder relationships(5M) B. Requirements driven functional decomposition(5M)	CO1	L2 L2
13	A. Explain about object-oriented methods and visual modeling. (6M) B. What are the modern process approaches for solving conventional problems? (4M)	CO2	L2 L2
	OR		
14	A. How to achieve required software quality? Explain. (5M) B. Write and explain any ten principles of conventional software engineering? (5M)	CO2	L2 L2

15	Describe in detail about management artifacts. (10M)	CO3	L2
	OR		
16	A. Briefly discuss about engineering stages. (5M) B. Explain in detail about programmatic artifacts. (5M)	CO3	L2 L2
17	A. Discuss about evolutionary work breakdown structures. (5M) B. What are the activities of software assessment team? Explain. (5M)	CO4	L2 L2
	OR		
18	A. Explain in detail about planning guidelines. (6M) B. Discuss about automation building blocks. (4M)	CO4	L2 L2
19	A. Give an example to distinguish small scale project and large scale project. (3M) B. What are process discriminants? Briefly explain. (7M)	CO5	L3 L2
	OR		
20	Write short notes on Pragmatic software metrics? (10M)	CO5	L2