R18 Regulation *Subject code:2E6FB*

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VI Semester Supplementary Examinations, July 2024

SOFTWARE PROJECT MANAGEMENT
(IT)

Maximum Marks: 70 Date:26.07.2024 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	What are the five necessary improvement steps for waterfall model?	1	L1
2	What are the five basic parameters of sofware cost models?	1	L1
3	Mention any 5 principles of conventional software engineering.	2	L1
4	Define ROI.	2	L1
5	Define stages of lifecycle.	3	L1
6	What are the primary objectives of construction phase?	3	L1
7	Define management workflow.	4	L1
8	Define any 2 types of workflows.	4	L1
9	Define software metric.	5	L1
10	How many types of indicators what are those?	5	L1
	Part-B		
Answer All the following questions. (5X10M=50Marks)			
11	a. Explain briefly Waterfall model. (5M) b. Discuss in detail about Conventional s/w management performance. (5M)	1	L2
	OR		
12	Define Software Economics and explain Pragmatic s/w cost estimation. (10M)	1	L2
13	Explain Important trends in improving Software economics. (10M)	2	L2
	OR		
14	Explain five staffing principal offered by Boehm. Also explain Peer Inspections. (10M)	2	L2
15	a)Write the primary objectives of Construction and Transition phases? (5M) b)What are engineering artifacts? Explain (5M)	3	L2
	OR		
16	Explain briefly two stages of the life cycle engineering and production. (10M)	3	L2

17	Explain various process workflows. (10M)	4	L2
	OR		
18	Explain conventional and Evolutionary work break down structures. (10M)	4	L2
19	Explain Management Indicators with suitable example. (10M)	5	L2
	OR		
20	Define MTBF and Maturity. How these are related to each other? (10M)	5	L2