



R18 Regulation

Subject code:2E6FB

**TKR COLLEGE OF ENGINEERING AND TECHNOLOGY**

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

**B.Tech VI Semester Supplementary Examinations, May 2025**

**SOFTWARE PROJECT MANAGEMENT**

(IT)

Maximum Marks: 70

Date: 23.06.2025

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.
  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)		Marks	CO	BTL
1	How many generations of software economics. What are those?	2M	1	L1
2	What is late risk resolution?	2M	1	L1
3	What is roundtrip engineering?	2M	2	L1
4	How many staffing principles are there what are those?	2M	2	L1
5	How many types of artifacts what are those?	2M	3	L1
6	Define Inception phase?	2M	3	L1
7	Define CCB.	2M	4	L1
8	Define management workflow.	2M	4	L1
9	Write about configurable baseline?	2M	5	L1
10	Define software metric.	2M	5	L1

**Part-B**

Answer All the following questions. (5X10M=50Marks)		Marks	CO	BTL
11	a) What are five necessary improvements in waterfall model? b) Describe return on investments in different domains.	5M 5M	1	L2
OR				
12	Define Software Economics and also explain Pragmatic S/W cost estimation.	10M	1	L2
13	Explain principles of conventional software engineering.	10M	2	L2
OR				
14	Explain briefly principles of modern software management.	10M	2	L2
15	a) Write the primary objectives of Construction and Transition phases? b) What are engineering artifacts? Explain.	5M 5M	3	L2
OR				
16	a) Distinguish between implementation set and deployment set b) Explain about construction phase.	5M 5M	3	L2
17	a) Explain in detail about planning guidelines. b) Discuss about automatic building block.	5M 5M	4	L2

	OR			
18	a) What are the activities of software architecture team? b) Explain in detail about software change order?	5M 5M	4	L2
19	Define MTBF and Maturity. How these are related to each other.	10M	5	L2
	OR			
20	Write short notes on Pragmatic software metrics?	10M	5	L2