



Regulation R18

Subject code: 2E6FB

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VI Semester Supplementary Examinations, June/July 2023

SOFTWARE PROJECT MANAGEMENT

(IT)

Maximum Marks: 70

Date:30.06.2023 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)

- 1 What are various cost estimation models?
- 2 What is late risk resolution?
- 3 What are the top five principles of a modern process?
- 4 What are five staffing principles?
- 5 Define elaboration phase?
- 6 Define artifactset?
- 7 What is WBS?
- 8 Define CCB?
- 9 Define rework and adaptability?
- 10 Define MTBF?

Part-B

Answer All the following questions.

(10MX 5=50Marks)

- 11 A. Explain five necessary improvements in waterfall model? (5M)
B. Describe return on investments in different domains? (5M)
OR
- 12 Explain in detail pragmatic software cost estimation. (10M)
- 13 A. How to improve software processes? (5M)
B. What are the principles of modern software management? (5M)
OR
- 14 A. Discuss about reuse with a neat diagram? (5M)
B. Describe transitioning to an iterative process? (5M)
- 15 Explain about model-based architecture in a management perspective. (10M)
OR
- 16 A. Distinguish between implementation set and deployment set. (5M)
B. Explain about construction phase. (5M)
- 17 A. Discuss about evolutionary work breakdown structures. (5M)
B. What are the activities of software assessment team? Explain. (5M)

- OR
- 18 A. Explain in detail about planning guidelines. (6M)
B. Discuss about automation building blocks. (4M)
- 19 A. Give an example to distinguish small scale project and large scale project. (3M)
B. What are process discriminants? Briefly explain. (7M)
- OR
- 20 Write short notes on Pragmatic software metrics. (10M)