



R17 Regulation

Subject code:1E5EE

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech III Year I Semester Supplementary Examinations, January 2023

SOFTWARE ENGINEERING

(CSE)

Maximum Marks: 70

20/01/23

Duration: 3 hours

Part-A

All the following questions carry equal marks

(10x2M=20 Marks)

- 1 Define legacy software.
- 2 List the types of software myths?
- 3 Write the kinds of system requirements?
- 4 Define context models.
- 5 Write the difference between cohesion and coupling?
- 6 What is Design?
- 7 Define alpha testing.
- 8 Define system testing.
- 9 Define reactive and proactive risk strategies.
- 10 Define risk projection

Part-B

Answer All the following questions.

(10M X 5=50Marks)

- 11 A) Explain briefly about software crisis.
B) Explain process patterns.

[5+5]

OR

- 12 Explain briefly about any two Software development process models. [10]
- 13 Which model in system modeling depicts the dynamic behavior of the system explain in detail. [10]

OR

- 14 a) What are the characteristics of software requirement documentation (SRD)?
b) Explain about requirements validation. [5+5]
- 15 Write about Design Quality? * [10]

OR

- 16 Describe mapping data flow into a software architecture. [10]
- 17 Discuss black box testing in a detailed view. [10]

OR

- 18 Discuss software quality factors? Discuss their relative importance. [10]
- 19 Explain about Quality concepts? Describe metrics for source code and for testing. [10]

OR

- 20 Explain about the importance of test strategies for conventional software. [10]

