



R18 Regulation

Subject code: 2P4EE

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
(Autonomous, Accredited by NAAC with 'A' Grade)

B.Tech V Semester Supplementary Examinations, July 2022
SOFTWARE ENGINEERING
(CSE)

Duration: 3 hours

Maximum Marks: 70

Part-A

(10x2M=20 Marks)

All the following questions carry equal marks

- 1 Compare waterfall model and spiral model.
- 2 What is software engineering activity?
- 3 Explain 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

(10M X 5=50Marks)

Answer All the following questions.

- 11 A) Explain briefly about changing nature of software. [5+5]
B) Explain process patterns.

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)? [5+5]
b) Explain about requirements validation. [10]
- 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 Explain about the importance of test strategies for conventional software. [10]
- 19 Explain about software risks. [10]

OR

- 20 Briefly discuss about risk identification. [10]