



SE important questions

Software Engineering (Jawaharlal Nehru Technological University, Hyderabad)



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Software engineering

Unit 1

1. Define software engineering. Explain the changing nature of software.
2. Explain about the waterfall model with a neat sketch
3. Explain about the unified process model with a neat diagram.

Unit 2

- 1.Explain about the functional and non functional requirements.
- 2.Discuss about the requirements engineering process.
- 3.Briefly explain about the requirements analysis

Unit 3

- 1.Explain about the design process in software development process.
- 2.Explain about the different architectural styles in architecture design.
- 3.Explain the importance of user interface design.

Unit 4

- 1.Define software testing. Explain different testing strategies.
- 2.Explain about white-box and black-box testing.
- 3.Explain about the testing steps with a neat diagram
- 4 What is software metric. Discuss about the product metrics.

Unit 5

- 1.Explain about the risk management.
- 2.Discuss about the software quality assurance(SQA).
- 3.Explain about the software quality
4. Discuss about various types of risks. Explain about RMMM