

SE Important Questions

unit-I

1. What is Software Engineering and Explain the nature of the software?
2. Write about unique nature of the web apps?
3. What is Software process and Myths in software engg?
4. Compare and Contrast different software process Models?

unit-II

discuss

1. What is Software project Management and also different factors about project failure and Success?
2. Explain Software Configuration Management and Risk Management in Detail?
3. What is Estimation. Write a ~~short~~ short note on size and effort estimation of a project?
4. Explain different project size Estimation techniques?
5. Explain different effort estimation techniques?

unit-III

1. What is Requirement Engg and Explain different levels of it?
2. Write a clean draft of IEEE/SRS Documents?
3. Write about Requirement validation and Management?
4. Explain the process of Requirement Elicitation and Analysis?

unit-IV

1. Explain Cohesion and Coupling in Modular design?
2. Write a ~~details~~ note on Design principles of software Design?
3. What is Software design and Explain different characteristics of good software design?
4. Explain coding principles, coding process, coding verification and validation?

unit-V

1. What is testing and Explain different types of testing?
2. What is black box testing, white box testing approaches?
3. Explain level of testing?

4. What is Verification and validation of software Quality Assurance?
5. What is CMMI and Explain levels?
6. What is Reliability and different ^{metrics} (Matrix) of software Reliability?