

Question Bank.

Subject: Software Engineering

UNIT-1I: REQUIREMENTS ENGINEERING

1. Distinguish between functional and non-functional requirements with examples.
2. Explain the types of non-functional requirements with examples.
3. List and explain at least 03 functional and 02 Non-functional requirements for Vehicle Toll collection system using Fastag software.
4. Identify any 5 Functional and Non functional requirement for bank and Library System?
5. What are the different metrics for specifying non-functional requirements?
6. What is software requirements document, and who are the users of requirements document?
7. Explain in brief the structure of a requirements document that is based on an IEEE standard for requirements documents?
8. Reliance industries is planning to start a cinema multiplexes across India. You have been asked to develop a Film ticket reservation system for their multiplexes online. List the system requirements using structured specification format for the same.
9. What is Requirements specification? What possible reasons where all the design information cannot be implemented?
10. What are the different ways of writing system requirements specification?
11. Explain in details the requirements engineering processes with an appropriate diagram?
12. Explain with a neat diagram the different steps in the requirements elicitation and analysis process?
13. What are the various reasons where Eliciting and understanding requirements process is difficult for stakeholders?