Unit – 2

1 mark answers:

1. What is requirement engineering?

* Ans: The tasks and techniques that lead to an understanding of requirements is called Requirements Engineering**.**

1. What is meant by feasibility study?

Ans: before starting a project we should have an idea about the product budget, time, team members etc. that is feasibility study.

1. What is meant by requirement validation?

* Ans: During validation , the work product produced as a result of requirements engineering are assessed for quality

1. What is meant by requirement management?

Ans: it is the process of documenting, tracing, analysing the requirements and then communicating to relevant stakeholder and modifying them accordingly.

1. What makes the requirement elicitation difficult?

Ans:

* Problem of scope
* Problem of understanding
* Problem of volatility

1. \_\_\_Reviews\_\_\_\_\_\_\_\_\_ is the primary requirements validation mechanism.
2. \_\_\_\_Tractability tables\_\_\_\_\_\_\_\_ relates requirements to one or more aspects of the system or its environment.
3. Define quality function deployment.

Ans: quality function deployment transforms the voice of the customer [VOC] into engineering characteristics for a product.

10. What is the work product of specification task in requirement engineering?

Ans: specification

21. Describe various requirements engineering tasks.

Ans:

* Inception
* Elicitation
* Elaboration
* Negotiation
* Specification
* Validation
* Requirements Management

22. Describe the various traceability tables of requirement managements.

Ans:

* Pre – requirements
* Post - requirements

23. What are the characteristics of SRS?

Ans:

* Complete.
* Consistent.
* Feasible.
* Modifiable.
* Unambiguous.
* Testable.