

Note: All questions are compulsory.

Q.1 Attempt any four.

(20)

- Explain different software quality factors.
- Explain RAD model with its advantages and disadvantages.
- What is feasibility study? Explain with its different types.
- Write short note on project staffing and scheduling.
- Explain Prototyping Model with advantages and disadvantages.
- Explain Cost Estimation model.
- Explain Risk management.
- What is software? Explain types of software.

Q.2 Attempt any four.

(20)

- Write short note on stakeholders with its different types.
- Explain data entities, attributes, relationships and cardinality of ERD.
- Draw event table for railway reservation process.
- Explain decision tree with example.
- Write short note on Questionnaires.
- Explain Structured English with example.
- Explain Characteristics of SRS.
- Explain following terms
 - Association
 - Generalization

Q.3 Attempt any four.

(20)

- What are the different symbols are used in Structure chart explain with suitable example?
- Write short note on characteristics of good interface.
- Explain information hiding and internal documentation.
- Write short note on alpha and beta testing.
- What is coding? Explain structured programming.
- What is V&V model?
- What are the different symbols are used in system flow chart explain with suitable example?
- How to convert ERD to Databases?

Q.4 Attempt any three.

(15)

- What are the different symbols are used in Activity diagram explain with suitable example?
- Explain Decision Table with example.
- What is coding? Explain object oriented programming.
- Explain following terms
 - Specialization
 - Aggregation
- Explain Spiral Model with advantages and disadvantages.
- Explain Object Oriented Approach of system development.