

- Note : 1) Diagrams should be neat & labeled.  
2) All questions are compulsory.  
3) Figures to the right indicate full marks.

SE-3

Q. 1. Attempt any two.

10

- Explain critical system with its types.
- Explain attributes of good software.
- Write short note on system Engineering.
- Explain dependability & its four dimensions.

Q.2. Attempt any two.

10

- Explain various section included in project plan.
- Explain component Based Software Engineering Model.
- Explain the terms milestones & deliverables.
- Explain the software validation & describe Stages in testing process.

Q. 3. Attempt any two.

10

- Explain phases in requirement Engineering process.
- Explain Structured methods & its weaknesses.
- Explain Client - Server model architecture.
- Explain data flow model with an example.

Q. 4 . Attempt any two.

10

- Explain Language processing system.
- Explain object and object Classes.
- Explain User interface design issues.
- Write short note in Rapid application development environment.

Q.5. Attempt any two.

10

- Explain system testing with its types.
- Define component and its characteristics.
- Explain different roles in inspection process.
- Explain various tools included in test automation.

Q.6. Attempt any two.

- Explain stages in process of service construction by composition.
- Write Short note on process exceptions.
- Explain quality planning & Suggest Structure for quality plan.
- Explain system Survivability & its Strategies.

(P.T.O)

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(2)

Q.7. Attempt any three.

- a) Write Short note on legacy System.
- b) Explain CASE in detail.
- c) Explain different types of System models.
- d) Explain agile method & its principles.
- e) Explain Cleanroom process for inspection.
- f) Explain product metrics & its two types.

— The End —

SEE 4