

Chapter 1

1	Define software and software engg.	2
2	Explain spiral model with its merits and demerits ?	7
3	Projects are categorized in size. How many size factors of projects ?	7
4	During software development process how many quality and productivity factors affect the software development process ?	7

Chapter 2

1	Define feasibility studies.	2
2	Explain the functional and non-functional requirement in detail.	7
3	Write short notes on any two of the following : <ul style="list-style-type: none">• Data dictionary• Behaviour model structure• Unified modeling language	7
4	Define SRR and also explain its need.	7

Chapter 3

1	Define software design phase.	2
2	What is the difference between data design and architectural design with diagram ?	7
3	Explain milestones, walkthrough and inspections.	7
4	What is cohesion and coupling ?	7

Chapter 4

1	Write name of different testing ?	2
2	Write down the different testing strategies and issues.	7
3	Give short notes on any two of the following : <ul style="list-style-type: none">• Regression testing• Validation testing• Debugging	7
4	What does it mean by software maintenance ?	7

Chapter 5

- 1 Define a Task network. 2
- 2 What are the measures of software complexity ? 7
- 3 Explain the major factors that influence the cost of the software. 7
- 4 Write short notes on any *two* of the following : 7
 - COCOMO model
 - Work Breakdown
 - Software cost estimation