

Question Bank (G scheme)

Name of subject: SOFTWARE ENGINEERING

Unit Test :I

Subject code: 17513

Course : IF

Semester: IV

CHAPTER 1 Overview Of Software Engineering And The Software Development Process(20 Marks)

3 Marks

1. Explain evolving role and changing nature of software.
2. list and explain categories of software
3. explain s/w engg as a layered approach technology
4. explain generic view of s/w engg w.r.t development phase ,defination phase, support phase
5. Explain s\w engg layers w. r.t process, methods and tools

4 Marks

6. Explain PSP with objectives and goals.
7. Explain TSP with objectives and goals.
8. Explain disadvantages of incremental, prototype and RAD model
9. Explain waterfall with diagram.
10. Explain spiral model with diagram.
11. Explain RAD model with advantages and disadvantages.
12. Explain prototyping model with diagram.

CHAPTER 2 Software Engineering Practices And Software Requirements Engineering(16 Marks)

3 Marks

13. Explain coding principles of software engineering.
List & explain principles of communication practices(reuirement elicitation).
14. Define software engineering practice& explain essence of practice.
15. Explain Analysis Model and Principles.

4 Marks

16. What are major task of Requirement Engg.
17. What are core principles of Software Engg.
18. Describe Following RE Task:
 - a. Negotiation
 - b. Validation

CHAPTER 3 Analysis And Design Modelling(18 Marks)

3 Marks

19. Explain in brief:
 - a) Structured analysis.
 - b) Object oriented analysis.
20. Explain term: 1.Data Object 2. Data Attribute
21. Explain Cardinality and modality.
22. What is DFD?Explain with example.

4 Marks

23. Draw DFD for Hotel Management System.
24. What are different analysis modeling approaches?
25. Explain Domain Analysis.