

## Question Bank (G scheme)

Name of subject: SOFTWARE ENGINEERING

Unit Test :II

Subject code: 17513

Course : IF

Semester: IV

### CHAPTER 4 Software Testing Strategies And Methods (16 Marks)

#### 3 Marks

1. Explain & list principles of software testing .
2. Define test plan, test case, test data.
3. What is regression testing? What are the factors to be considered during regression testing?
4. Explain smoke testing in detail.
5. Explain alpha and beta testing with example.

#### 4 Marks

6. Explain glass box testing.
7. Explain software testing process with diagram.
8. Explain stress & performance testing.
9. Explain Unit and Integration testing

### CHAPTER 5 Software Project Management (18 Marks)

#### 3 Marks

10. Explain project scheduling in brief.
11. Define and explain clean rule approach.
12. Explain SCM & SCM scenario.
13. Why software project fails? Explain.
14. Explain Change Management.

#### 4 Marks

15. Explain Type of Risk.
16. Explain Reactive and Proactive Risk Strategy.
17. Explain CPM.
18. Explain following terms w.r.t. risk management:-
  - a) Risk refinement.
  - b) Monitoring.

### CHAPTER 6 Software Quality Management(12 Marks)

#### 3 Marks

19. Describe activities of SQA.
20. What is Quality Control.
21. Explain six sigma for Software Engg.

**4 Marks**

22. Describe the process of CMMI.
23. Explain benefits of ISO standards.
24. Explain four attributes of good software
25. What are McCall's quality factors?