823/SRINIVASAN ENGINEERING COLLEGE, PERAMBALUR-621212

DEPARTMENT OF COMPUTER SCIENCEAND ENGINEERING

CS1023 – SOFTWARE QUALITY MANAGEMENT

SIXTEEN MARKS

UNIT I

1. Explain boehm and Mccall hierarchical model of quality.
2. How will you measure software quality?
3. Explain the views of quality
4. Explain the classification of metrics.
5. Explain gilbs approach
6. Explain GQM model

UNIT II

1. Explain about rewies and audit.
2. Explain about documentation.
3. Explain about characteristics of team.
4. Explain about quality tasks.

UNIT III

5. Explain Ishkawas seven basic tools.
6. Explain about Rayleigh model
7. Explain about defect removal and protection.
8. Explain reliability models.

UNIT IV

9. Explain about elements of QMS.

10. Explain about Rayleigh growth model.

11. Explain about the methods that are you used for measuring software quality.

12. Explain about complexity metrics and models.

13. How will you analyze customer satisfaction?

14. Explain about Rayleigh growth model of QMS.

UNIT V

15. Explain about six sigma concepts.

16. Explain about CASE tools.

17. Explain the stages involved in SSADM

18. Explain CMM and CMMI.

19. Explain about ISO 9000 series.