CS - 603

B.E. VI Semester

Examination, December 2014

Software Engineering & Project Management

Time: Three Hours Maximum Marks: 70

Note: i) Attempt one question from each unit. Each unit have equal marks.

ii) Assume data/value if required.

UNIT - I

- 1. a) Difference between water fall model and prototype model. 7
- b) Explain unified process. What are its characteristics? 7

OR

2. a) As you more outward along the process flow path of spiral model what you can say about software that is being developed or maintained?
7
b) Describe about CMM.
7

UNIT - II

3. a) Difference between structured analysis and object oriented analysis.7b) What are the characteristics of good SRS?7

OR

- 4. a) Compare functional and behavioural models. 7
- b) Explain about use case modelling. 7

UNIT - III

- 5. a) Discuss function oriented design technique. 7
- b) Explain user interface design process. 7

OR

- 6. a) What is design? Discuss the objective of software design. 7
- b) Explain about component based design.

UNIT - IV

7

- 7. a) Difference between the top down and bottom up integration testing.7
- b) What is system testing? What series of tests are performed during system testing?

OR

- 8. a) Differentiate static and dynamic testing done state few salient characteristics of modem testing tools.
- b) Discuss software testing strategies. Differentiate between verification and validation. 7

UNIT - V

- 9. a) What are the activities performed during SQA? 7
- b) What do you mean by risk mitigation?

OR

- 10. a) Write short note on project scheduling.
- b) Describe COCOMO model. 7