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.   7

b) 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.   7

UNIT - IV

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?   7

OR

8.   a) Differentiate static and dynamic testing done state few salient characteristics of modem testing tools.   7

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?   7

OR

10. a) Write short note on - project scheduling.

b) Describe COCOMO model.   7