

M.E - II (comp)

A.T. K. T.

Software  
Engg

3/12/07

X

Con/5182-07.

(3 Hours)

BB-7452

[Total Marks : 100]

- N.B. :** (1) Question No. 1 is **compulsory**.  
 (2) Attempt any **four** questions out of remaining **six** questions.  
 (3) Assume any data if **necessary** and **clearly** state it.  
 (4) **Figures** to the **right** indicate **full** marks.

1. a) What are the different models produced during software requirement analysis? 12  
 b) Write detail note on "Software Quality Assurance". 08
2. a) Write detail note on Object Oriented System Testing. 10  
 b) Explain Equivalence partitioning and solve the given example. If a program  
 (Computes the square root of input number) reads an input value in the range of  
 1 & 5000. Give different equivalence classes for the same. 10
3. a) Write note on Basis path testing. 10  
 b) Give all the activities performed during Risk Estimation. 10
4. a) What are the different task performed by software configuration Management  
 process? Discuss each task in brief. 10  
 b) Discuss different cost estimation techniques. 10
5. a) Give different steps involved in Architectural design. 10  
 b) Discuss 'Functional Modeling' and its extension for real time system. 10
6. a) Write detail note on 'Software design concepts'. 10  
 b) How can you schedule and track a project. 10
7. a) Explain Object Oriented analysis process in details. 10  
 b) Write detail note on User Interface Design. 10