

NAME _____

ROLLNO _____

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY-2008

**II B.TECH SUPPLEMENTARY EXAMINATIONS
SOFTWARE ENGINEERING
(INFORMATION TECHNOLOGY, CSE)**

AUG/SEP-2008

**MARK-3 HOUR
MARK-80**

ANSWER ANY FIVE QUESTIONS. ALL QUESTIONS CARRY EQUAL MARKS.

MARKS [16*5=80]

1. (a) Discuss the major problems with the capability maturity model.
(b) Explain about capability assessment process.
2. (a) What is system requirements? How would you specify them?
(b) What is a non-functional requirement? Explain the classification of different types of it ?
3. What is object model? Explain various types of object models with examples.
4. (a) Define refactoring. Explain its intent. Also explain the advantages and disadvantages of it.
(b) Define design class. Describe their purpose. Explain different types of it.
5. (a) Discuss the Mandel's user interface design principles that enable an interface to reduce the user's memory load.
(b) State and explain the different models that come into play when a user interface is to be analyzed and designed.
6. (a) What is Debugging? Discuss the Debugging strategies.
(b) Discuss about software tools for debugging
7. What is meant by risk projection? Discuss in detail the various steps in risk projection.
8. (a) Discuss about ISO 9000 quality standards.
(b) Discuss about software quality management tools.