

2007 JAWAHARLAL NEHRU UNIVERSITY [JNU]
B.TECH I SEMESTER REGULAR EXAMINATIONS
SOFTWARE ENGINEERING
(COMPUTER SCIENCE ENGINEERING)

NOVE 2007

TIME : 3 HOUR
MARK : 80

ANSWER ANY FIVE QUESTIONS ALL QUESTIONS CARRY EQUAL MARKS

1. Explain the following:

(a) Importance of software

(b) Software myths.

2. Give few examples of software development projects that would be amenable to prototyping. Give few applications that would be more difficult to prototype. Justify your answer.

3. What are the central problems in Software requirements specifications? Is it possible to have a system that can automatically verify completeness of an SRS document? If not, why ?

4. (a) "Data Modeling can be viewed as a subset of OOA". comment on this statement and justify your comments.

(b) "Object Oriented Analysis is radically different from the conventional Structured analysis approach", comment on this statement.

5. (a) What is program structure? Draw the most common control structure and explain different concepts defined in it.

(b) What are the classic data structures that form the building blocks for more sophisticated structures?

6. (a) State some guidelines which focus on Data input in User Interface Design.

(b) What is Software Procedure? Explain with an example.

7. Describe software maintenance activities and discuss about re-engineering.

8. Discuss in detail about Business Process Re engineering.