

Code :CS05521

RA

III B.Tech II Semester(R05) Supplementary Examinations, April/May 2011

SOFTWARE ENGINEERING

(Computer Science & Systems Engineering)

(For students of RR regulation readmitted to III B.Tech II Semester R05)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions
All questions carry equal marks

1. Explain the evolving role of Software.
2. Explain the Grady's private and public use for different types of process data.
3. Based on your experience with a bank ATM, draw a Data Flow Diagram modeling the data processing involved when a customer withdraws cash from an ATM machine.
4. (a) What is Data Modeling? For which type of applications the Data Modeling is useful.
(b) Explain how Entity structure step is different from Initial modeling step in JSD?
5. (a) What are the goals of the user interface design?
(b) Explain clearly how effective modular design can be achieved?
6. Describe the best interface that you have ever worked with and critique it relative to the concepts introduced in user interface design.
7. Describe software maintenance activities and discuss about re-engineering.
8. Discuss in detail about a software re-engineering process model.
