

Code :RR311202

RR

III B.Tech I Semester(RR) Supplementary Examinations, May 2011  
SOFTWARE ENGINEERING  
(Information Technology)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions  
All questions carry equal marks

\*\*\*\*\*

1. Explain the Software Applications.
2. Explain the fish bone diagram. Explain the use of it in an organization on your own interest.
3. Distinguish between the throwaway and evolutionary approaches to prototyping. Mention a scenario in which each would be more appropriate.
4. (a) What is Warnier-Orr diagram? And explain with an example how it is different from Warnier diagram.  
(b) Explain with an example the Entity structure step and the Entity action step in Jackson System Development (JSD).
5. (a) Explain the different steps to be conducted for software design from project management point of view.  
(b) Explain how each step in Software Engineering process is a refinement in the level of abstraction of the software solution.
6. Clearly distinguish between Object Oriented Analysis (OOA) and Object Oriented Design (OOD) in terms of the deliverables in each process. Outline the generic components of the OOD model.
7. Describe software maintenance activities and discuss about re-engineering.
8. Discuss in detail about a software re-engineering process model.

\*\*\*\*\*