

**T. E. (Information Technology)**  
**(Semester-I, Examination – 2015)**

**Software Engineering (314444 )**  
**(2012 Pattern)**

**Marking Scheme**

Q.1 a) What is difference between hardware and software? → 2 Marks  
Explain bath tub curve. → 3 Marks

b) Explain any 5 types of software along with an example → 5 Marks

**OR**

Q.2 a) Unified process model → 3 Marks  
Significance as compared to other process model.--> 2 Marks

b) What is software process assessment ? Explain → 5 Marks

Q. 3 a) What is agility? → 1 marks Agile manifesto. → 4 Marks

b) Write 5 Agile principles. → 5 Marks

**OR**

Q.4 a) Explain meaning of following in **one** sentence :

1. Test driven development
2. Refactoring
3. Pair programming
4. Sprint
5. Scrum

5 Marks

b) Explain burndown chart with diagram in short. Explanation → 3 Marks Diagram → 2 Marks

Q.5 a) What is requirement elicitation? → 2 Marks

Why is it considered as a difficult task ? explain. → 3 Marks

b) Explain requirement prioritisation with the help of KANO diagram → 5 Marks.

**OR**

Q.6 a) What is a user story? Explain 3 C's of user stories. → 5 Marks

b) What is invest characteristics of user stories? → 5 Marks