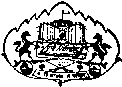
****

**UNIVERSITY OF PUNE**

**INTERDISCIPLINARY SCHOOL OF SCIENTIFIC COMPUTING**

**Mid Semester Examination – I**

**Course No. : SC – 102**

**Subject: Software Engineering**

**Date: 31/08/2015 Marks: 40**

**Duration: 2Hr**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Note: 1) Please read the questions carefully.**

**2) All questions are compulsory.**

**3) State any assumptions you make to answer the questions.**

**4) Use separate answer sheets for answering section 1 and section 2.**

**Section 1 (20 Marks)**

**Answer the following questions (4 marks each)**

**Q1.** Explain Evolutionary Model.

**Q2.** Explain any two software myths and their corresponding realities.

**Q3.** Explain Adaptive Software Development.

**Q4.** What is the difference between Waterfall and Agile?

**Q5.** Explain Golden Rules for User Interface Design.

**Section 2 (20 Marks)**

**Answer the following questions (4 Marks Each)**

**Q1.** What is Requirements Engineering Life Cycle? Explain any 2 techniques for requirements elicitation and also explain in which scenario/s you will use them.

**Q2.** Draw activity diagrams for any 2 activities of ATM system with appropriate notations.

**Q3.** State any 4 stakeholders for Hotel Management System. Write any 4 functional and 4 non-functional requirements for the same system.

**Q4.** Decide any 4 use cases for above Hotel Management System and draw use case diagrams for them.

**Q5.** What are the attributes of ‘good’ requirement? Explain any 4.