

Exam.Code:1007

Sub. Code: 35111

2124

M. E. (Information Technology)

Third Semester

MEIT-3101: Agile Software Development

Time allowed: 3 Hours

Max. Marks: 50

NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting two questions from each Unit.

x-x-x

1. Describe the following terms:-

- a) User story
- b) Refactoring
- c) Sprint
- d) Pair programming
- e) Daily scrum

(5x2)

UNIT - I

2. a) Discuss the feature driven and lean software development.

b) Discuss the various testing techniques for the testing of user stories (2x5)

3. a) Explain the terms: project velocity, Burn down chart, Scrum Master and Scrum Team.

b) Discuss the agile lifecycle and its impact on testing. (4,6)

4. Explain the scrum methodology from software development. (10)

UNIT - II

5. Explain the SOLID principles with example for each. (10)

6. Explain the working of agile lifecycle management. (10)

7. Discuss the role of design principles and benefits (10)

x-x-x