1128
B.E. (Information Technology)
Seventh Semester
ITE-742/754: Agile Software Development

Time allowed: 3 Hours   **Max. Marks: 50**

NOTE: Attempt <u>five</u> questions in all, including Question No. I which is compulsory and selecting two questions from each Unit.

x-x-x

I.   Attempt the following:-
   a) What is the importance of Daily stand up meeting?
   b) Differentiate between user stories and task.
   c) What is velocity in agile?
   d) Write two tools for that used to support agile tester?
   e) Define Acceptance testing.   (5x2)

UNIT – I

II. a) Differentiate between Scrum and Extreme Programming.

   b) Write down key features of Agile software development.   (5,5)

III. Explain the following XP practices:
   a) Whole Team
   b) Short Cycle
   c) Collective ownership
   d) Refactoring
   e) Sustainable Pace   (5x2)

IV. Explain SOLID principles in detail with suitable examples.   (10)

UNIT – II

V.   What is Agile testing? Write down important principles for tester in Agile software development.   (10)

VI. Explain the following Agile testing types:-
   a) Regression testing
   b) Risk based Testing
   c) Exploratory Testing   (10)

VII. Write Short notes on following:-
   a) Agile Enterprise framework.
   b) Agile Project Management Model.   (5,5)

x-x-x