## Fourth Semester M.Tech. Degree Examination, Aug./Sept. 2020
## Agile Technologies

Time: 3 hrs.                                                                 Max. Marks:100

**Note: *Answer any FIVE full questions.***

1   a. With a neat diagram, explain different types of success. Explain the features of understanding success. **(10 Marks)**
    b. Explain the advantages of XP and the step to master the art of agile development. **(10 Marks)**

2   a. Compare the traditional life cycle of waterfall model and iteration model with respect to XP life cycle model, with a neat diagram. **(10 Marks)**
    b. Briefly explain the common ideas used in XP concepts. **(10 Marks)**

3   a. Explain the various factors to be considered for applying XP to an existing project. **(10 Marks)**
    b. Briefly explain the different pairing steps used in XP and the features for pairing. **(10 Marks)**

4   a. Why Pair – Programming is important in XP? Explain in detail, what are the challenges and alternatives for Pair - Programming. **(10 Marks)**
    b. What is Retrospective? Explain all the steps to conduct Iterative Retrospectives. **(10 Marks)**

5   a. How much Real customer involvement is important for a company? Explain in detail with example. **(08 Marks)**
    b. List and explain, different types of Progress Reports and Management Reports. **(06 Marks)**
    c. What are the Ingredients to achieve nearly zero bugs in the project? **(06 Marks)**

6   Write short notes on :
    a. 10 – minute build.
    b. Planning Game.
    c. Collective code Ownership.
    d. Risk Management. **(20 Marks)**

7   a. How to eliminate waste from your process and increase your agility? **(10 Marks)**
    b. Explain how a process can enforce effective relationships. **(10 Marks)**

8   a. Explain the Design Principals. **(10 Marks)**
    b. How to exploit your Agility? **(10 Marks)**

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