

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Tech. (Information Technology) (Sem.-6)

**AGILE SOFTWARE DEVELOPMENT**

Subject Code : BTIT-609-18

M.Code. : 79628

Date of Examination : 19-07-22

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTIONS TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

**SECTION-A**

**1. Write briefly :**

- a) What is need for Agile?
- b) Discuss Liskov-substitution.
- c) What is sprint planning?
- d) Define Artifacts.
- e) What is meant by workflow?
- f) Write use of stories in Agile development.
- g) What are Agile Manifesto?
- h) Discuss XP Team.
- i) Briefly explain optimization.
- j) Write about acceptance test.

## SECTION-B

2. What are the different Agile design practices? Explain its different design principles.
3. Define Agile Scrum. What are its various roles in Software development?
4. What is a Kanban framework? Discuss its workflow.
5. Discuss the role of regression testing in Agile software development.
6. How code refactoring is beneficial for Agile testing? Explain with example.

## SECTION-C

7. Which are the major stages of Agile test life cycle? What is its impact on testing?
8. What is the need of Agile software development? Discuss its benefits in Software Engineering?
9. Discuss Extreme programming. Write about the Life cycle and tools of XP.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**