

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Tech. (IT) (Sem.-6)
AGILE SOFTWARE DEVELOPMENT

Subject Code : BTIT609/18

M.Code : 79628

Date of Examination : 20-05-2024

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 the need of Agile development?
- (b) What is the importance of refactoring?
- (c) Why design smells occur in software?
- (d) What is the purpose of Sprint retrospective in Scrum?
- (e) Explain the importance of the Agile testing quadrants.
- (f) What is an example of extreme programming?
- (g) Why the extreme programming is used?
- (h) What is user acceptance testing? Why it is required in Agile Software Development?
- (i) What happens if the Scrum team evolves using Kanban?
- (j) Without Sprint Planning, when do we break down features into tasks?

SECTION-B

2. What is Agile Software Development? Explain any three principles of Agile Manifesto.
3. What is the importance of the Scrum events? Discuss important Scrum events.
4. Why extreme Programming is called extreme? What are the advantages of XP?
5. Are not we all analysts? Does not everyone do everything in Kanban, like we do in Scrum? Comment and explain.
6. What is the impact of Agile lifecycle on testing?

SECTION-C

7. How is the testing done in Agile different from Waterfall? Explain the principle that is important for an agile tester?
8. What is SOLID? Explain with examples.
9. With a neat diagram explain the life-cycle 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.