

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 18

B.Tech.(CSE) (2011 Onwards E-II) (Sem.-7,8)

AGILE SOFTWARE DEVELOPMENT

Subject Code : BTCS-909

M.Code : 71901

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**Write briefly :**

1. User Story
2. Refactoring
3. Acceptance Test
4. Version Control
5. Lean Software Development
6. Test Driven Development
7. Software Risk
8. Software Testing
9. Agility of Software
10. Product Backlog

SECTION-B

11. Describe Agile lifecycle. What is its impact on testing?
12. What is the need of Refactoring? Explain its types briefly.
13. Define Agile Scrum. What are its various roles?
14. What are different challenges to Agile methodology? Discuss Risk and Mitigation for it.
15. Describe Agile Project Management in detail.

SECTION-C

16. Discuss Agile Manifesto and principles in detail. How it is different from traditional software development models?
17. What are the different Agile design practices? Explain its different design principles.
18. What is the role of user stories in agile development? How do we test user stories in agile software development?

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.