	Roll No.													Total No. of Pages : 02
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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

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### **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.

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