

**M. Tech. –IV (Computer Engineering) (CBCS – 2015 Course) :  
SUMMER - 2019**

**SUBJECT: SELF-STUDY PAPER-II AGILE SYSTEMS**

Day: Thursday  
Date: 13/06/2019

**S-2019-3468**

Time: 11.00 AM TO 02.00 PM  
Max. Marks: 60

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**N.B.:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Answers to both the sections should be written in **SAME** answer book.
  - 4) Assume suitable data if necessary.
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**SECTION-I**

**Q.1** Compare traditional waterfall model and modified waterfall model.

**OR**

Explain different phases of software development life cycle in detail.

**Q.2** What is lean software Development? Explain Agile Manifesto in detail.

**OR**

Discuss the best practices of Agile software Development.

**Q.3** Explain in detail Microsoft solutions framework for Agile Development.

**OR**

Write short note on project management Tools.

**SECTION-II**

**Q.4** Write short notes on Test- driver development (TDD)

**OR**

Explain Agile approach for test automation.

**Q.5** Explain in detail Iteration / sprint demos.

**OR**

Discuss implications for quality practioners.

**Q.6** Which projects are suitable for Agile software Development? Explain with example.

**OR**

Write short note on Agile unified process based tools.

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