

Roll No. 

Total No. of Pages : 01

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M.Tech.(CSE Engg.) EI-IV (2015 to 2017) (Sem.-3)

**AGILE SOFTWARE DEVELOPMENT**

Subject Code : MTCS-304

Paper ID : [74161]

Time : 3 Hrs.

Max. Marks : 100

**INSTRUCTIONS TO CANDIDATES :**

1. Attempt any FIVE questions
2. Each question carries TWENTY marks.

- Q1. a) What is the working principle of Agile? What value is provided by Agile? Discuss. (10)  
b) Explain with the help of suitable example that how Agile helps to build quality product. (10)
- Q2. a) Explain various roles in Agile process. How are these roles different from traditional roles? (10)  
b) What is meant by lean approach? How does it work?
- Q3. a) What is Scrum? What is the need of Scrum? What values are provided by Scrum? (10)  
b) How measurement helps in monitoring the progress in Agile approach? Discuss. (10)
- Q4. a) How business involvement and team motivation are managed in Agile product management? (10)  
b) What are various advanced Scrum applications? How are they applicable? (10)
- Q5. a) What is meant by user stories? How are they used in Agile? Discuss with the help of suitable example. (12)  
b) Explain Agile architecture with the help of block diagram. (08)
- Q6. a) What is meant by Test-Driven Development? Explain with the help of a suitable project. (10)  
b) Explain various Agile tools available. Also discuss how they help in Agile process. (10)
- Q7. a) What is meant by refactoring? How refactoring helps in Agile development? (10)  
b) Explain the 7 control parameters in Agile control with the help of example(s). (10)
- Q8. Explain the following : (10 × 2)  
a) The rationale for using Atern Philosophy in Agile.  
b) Best practices to manage Scrum.