

Roll No .....

**MSE - 203**  
**M.E./M.Tech., II Semester**  
Examination, June 2016  
**Software Architecture**

*Time : Three Hours*

*Maximum Marks : 70*

- Note :** i) Attempt any five questions.  
ii) All questions carry equal marks.

1. Discuss the following:
  - a) IT frameworks and patterns
  - b) Functional and Non functional properties of Software Architectures
2. Discuss the role of architectural styles in the design of effective software architecture.
3. Give the detailed discussion on Enterprise wide SOA.
4. Discuss the following:
  - a) Trends in SOA
  - b) Reconstructing software architecture

5. Discuss the key aspects of Heterogeneous architectures.
6. Write short note on the following:
  - a) Implicit Invocation
  - b) Data abstraction and Object Orientation
7. Write short note on the following:
  - a) Key requirements of model specification
  - b) Architectural design environment.
8. Describe the formalization of architectural design space.

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