

5. a) Write common components and Interconnections. 7
b) Write critical elements of a Design Language. 7
6. a) Discuss about an Event Based Style. 7
b) Explain about Cost Benefit Analysis Method (CBAM). 7
7. a) Describe three vignettes in mixed style. 7
b) What type of environments need for Architectural Design? 7
8. Write short note on: 14
i) Heterogeneous Architectures
ii) SOA
iii) ATAM

MSE - 203
M.E./M.Tech., II Semester
Examination, June 2014
Software Architecture
Time : Three Hours

Maximum Marks : 70

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

1. a) Write functional and non-functional properties of software architectures. 7
b) Write a list of common architectural styles. Explain one of them. 7
2. a) Discuss pipes and filters approach. 7
b) Explain about control architecture for cruise control. 7
3. a) Describe sophisticated Rule Based System. 7
b) Draw Repository Architecture for Database, showing control and Reporting. 7
4. a) Explain Basic Structural Model for User Interface Software. 7
b) How the Design space was prepared? 7