

Roll No

MSE-203

M.E./M.Tech., II Semester

Examination, December 2016

Software Architecture

Time : Three Hours

Maximum Marks : 70

Note : Attempt any five questions. All questions carry equal marks.

1. Explain the building of architecture Business cycle by identifying the factors of influence in detail.
2. Explain Basic Structural Model for user interface design in details.
3. List the components of a pipe and filter architecture pattern and depict the dynamic behaviour of it. Explain.
4. Describe the structure of Broker architecture pattern with their respective CRC cards.
5. Explain the reflection architecture pattern and its known uses.
6. Discuss the structure dynamics and implementation of Master-Slave pattern.
7. Write Functional and non Functional Properties of Software Architecture.

8. Explain the following (any four) :

- a) Fault-Prevention
- b) Defer binding time
- c) Resource arbitration
- d) Internal monitoring
- e) Run time tactics
