

CS577b Quiz IV

March 21, 2001

(5 points)

1. How many process areas are there in the CMMI? (1 point)

24 processes

2. What is the main difference between MBASE and the Experience Factory? (1 point)

MBASE is focused on project level whereas the Experience Factory is focused on organization level.

3. What are the three main differences between the traditional software paradigm and the CMMI paradigm? (3 points)

In Traditional software paradigm :

- **System engineers establish system requirements**
- **Software engineers build software to requirements**
- **System engineers integrate software into system**

However, In CMMI paradigm :

- **System and software engineering are integrated**
- **Requirements, architecture, and process are developed concurrently**
- **Developments done by integrated teams**