

## T-86.5141 Enterprise Systems Architecture (4), Exam 18.12.2006

Write in every paper the following information:

- T-86.5141 Enterprise Systems Architecture, Exam 18.12.2006
- Family name, first names
- Student ID
- Department
- Signature

1. List and explain the *categories* of the risk factors of an enterprise-wide/Enterprise Resource Planning (ERP) system project (not only those specific to these types of projects) and mention some *specific risks within each category*, according to Mary Sumner, "Risk Factors in enterprise-wide/ERP projects", 2000. (6p)
2.
  - a) Discuss the problems of content management (2p) and describe the functionality of a Content Management System (CMS) (2p). (4p)
  - b) Describe the three types of architectures (enterprise, system, software) and their relationships to each other (according to Schekkerman, 2004). (2p)
3. Compare Service Oriented Architecture (SOA) with traditional architectures (4p) and discuss the challenges in applying SOA in practice (2p). (6p)
4. Describe the following terms. (6p)
  - a) Service Composition (1p)
  - b) Meta-data (1p)
  - c) Concurrent Engineering (CE)(1p)
  - d) Data Mart Architecture (1p)
  - e) Business Intelligence (BI) (1p)
  - f) Product Life-cycle (1p)