

T-86.5141 Enterprise Systems Architecture (4), Exam 07.01.2009

Write in every paper the following information:

- T-86.5141 Enterprise Systems Architecture, Exam 07.01.2009
 - Family name, first names
 - Student ID
 - Department
 - Signature
1. Explain the principles of Service Oriented Architecture (SOA) (4p). What are the benefits of service reusability (2p)? (6p).
 2. Describe the structure of the Zachman Enterprise Architecture Framework (2p). Describe the phases of the TOGAF Architecture Development Framework (ADM) (3p). Give a comparison of the Zachman Framework and TOGAF (1p).
 3. a) List and briefly describe the Product Data Management (PDM) basic functions and advanced functions (3p).

b) Define Master Data (1p) and list the Master Data Principles and briefly explain them (2p).
 4. Describe shortly the following terms. (6p.)
 - a) ITIL (Information Technology Infrastructure Library)
 - b) ERP (Enterprise Resource Planning system)
 - c) ECM (Enterprise Content Management system)
 - d) DW & BI (Data Warehousing and Business Intelligence)
 - e) IT Governance
 - f) Web Service