

## MPH\_AOMA (Enterprise Resource Planning Systems) – questions 2010

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All questions could be studied with the help of related study materials handed over to students during lessons.

### Resources:

File Name	Author
Study materials posted under the course	
ESF:MPH_AOMA /MPH_AOMA/	
Learning Materials /um/	
ROPOT (Revision, Opinion Poll and Testing) /odp/	
Homework Vaults /ode/	
Course-Related Instructions /op/	
1st part of helping material used for tuition(study) of NAVI	Skorkovský, J.
Introducti...101006.doc	
2nd part of the helping materials for Navision study	Skorkovský, J.
Introducti...101013.doc	
3th part of the helping materials for Navision study	Skorkovský, J.
Introducti...101020.doc	
Basic PWP file for NAV INTRODUCTION	Skorkovský, J.
Introducti...100222.ppt	
Boston matrix nad Product Life Cycle	Skorkovský, J.
Boston_matrix_UK.ppt	
Critical chain Critical_Chain_ENG_I_20090105.ppt	Skorkovský, J.
ERP Basic and very simplified Principles	Skorkovský, J.
ERP_Basic_...100920.ppt	
ERP project activities	Skorkovský, J.
ERP_project_activities_20090102.ppt	
Exercise for payment of the open entries	Skorkovský, J.
Introducti...101110.doc	
Exercise Sales Analysis	Skorkovský, J.
Exercise_Sales_Analysis_NAV_20101102.docx	
8324a_Courseware	Skorkovský, J.
Material related to Sales Discounts setup and use	Skorkovský, J.
Introducti...101103.doc	
Pains and benefits Pains_and_benefits_ESF-MU_ENG_version_I_20090223.ppt	Skorkovský, J.
Pareto Analysis Simplified Pareto_analysis-simplified_20100929.ppt	Skorkovský, J.
Sales Discounts Basics for Foreign students 20101103	Skorkovský, J.
Sales_Disc...090308.ppt	
Theme of your seminar work	Skorkovský, J.
Theme_of_your_seminar_work_ENG_20101115.doc	
Theory of constraints -basic principles	Skorkovský, J.
TOC_PMPINS...081219.ppt	
Tutorial I for MS Dynamics NAV 5.0 W1	Skorkovský, J.
Tutorial_I...01027.docx	

And resources stored at 1.12.2010 such as

- Applying principles
- Ishikawa fishbone diagram
- DBR-Drum Buffer Rope (*only key chosen slides will be used!!!*)

Detail specification taken from above list of stored study materials which have been handed over to students during autumn term 2010

### Theory resources

- A. ERP project activities \_ 20090102
- B. Pains\_and\_benefits\_ESF-MU\_ENG\_version\_I\_20090223
- C. Critical\_Chain\_ENG\_20090105
- D. TOC\_PMPINSA\_English\_version\_20081219
- E. 8324a Courseware for Dynamics NAV Introduction – zip
- F1. Short explanation of applying principles (will be presented 01122010)
- F2. Boston Matrix and Product Life Cycle
- F3. Applying principles MS Dynamics NAV 20090320
- G1. Ishikawa fishbone diagram ENG
- G2. Drum Buffer-Rope : Theory (chosen slides only !!!! )
- G3. Pareto Analysis Simplified

### ERP resources (practice)

- H. Demo version of MS Dynamics NAV 5.0
- I. 1<sup>st</sup> Part of Helping material
- J. 2<sup>nd</sup> Part of Helping material
- K. 3th Part of Helping material
- L. Exercise for payment of the open entries
- M. Sales discount basic for foreign students (PWP)
- N. Material related to Sales Discount setup (Intro to MS Dynamics ERP NAV in concise clauses-part four)
- O. Tutorial for MS Navision NAV 5.0 W1 (Step-by-step Hand On)
- P. ERP Basic and very simplified Principles (chosen slides only- not the ones with feedbacks)

## Theory:

### Structure of the theory question:

Number	Description :	Resource (slides if required )
1.	What is required by competitive ERP markets:	A, B, F2 (innovation, road map, PLC,..)
2.	Name some reason for change the old ERP system:	A and B
3.	Name key activities of the implementation project (project entries):	A
4.	What is a Gantt chart:	A and C
5.	Evaluation of the project result. How we can know, that the Project was successful? :	A
6.	Which knowledge is necessary for project management? :	A
7.	Simplified chart (diagram) of ERP functions :	A, P
8.	What is the profit valley and how to escape from there? :	A
9.	Specify the basic concept of the Theory of Constraints :	D, G2
10.	TOC metrics :	D
11.	Cost World and Throughput World :	D
12.	TOC five steps:	D
13.	Basic trees (Thinking process tools) – CRT,EC and FRT :	D
14.	Project and its budget:	C
15.	What is bad multitasking? :	C

### Enterprise Resource Planning Systems

16. Critical path and Critical Chain: C
17. Use of project buffer (buffer management concept) : C
18. Pains and benefits: B
19. Creation of the vision: B (nine steps slide)
20. Ishikawa fishbone diagram: G1
21. Boston matrix and product life cycle- PLC: F2
22. Pareto analysis: G1(end of the slide show) and G3

### **Practice (resources H-P):**

1. Modularity of the ERP systems.
2. Main windows (forms) used in ERP and syntax for Debits and Credits.
3. Users modification of the ERP windows.
4. Main tables (Item, Customer, Vendor and Account).
5. Purchase of an item and impacts of F11 (posting) -> item and vendor entries, G/L entries.
6. Sale of an item and impacts of F11 (posting) -> item and customer entries, G/L entries.
7. What is the applying principles.
8. Payment of the open entry (customer or vendor) by use of the Financial Journal.
9. Discounts and the use of this.
10. Contact card and its profile and use of it.