

PMPINSA (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 (adjusted 20100512) :

- A. ERP project activities _ 20090102
- B. Pain and benefits of prospective ERP and Balancing opposite forces
- C. Critical_Chain_ENG_20090105 and Critical chain concept
- D. TOC_PMPINSA_English_version_20081219
- E. Courseware for Dynamics NAV Introduction- will be delivered
- F. Short explanation of applying principles –will be delivered
- G. Budget and analysis examples –will be delivered
- H. Basic diagrams for Purchase and Sales
- I. Demo version of MS Dynamics NAV 5.0
- J. Explanation of the drum –buffer-rope
- K. Questions of costs, lead times, FG.....
- L. Sales discount basics
- M. Boston Matrix and product life cycle

Theory:

Structure : Number Description : Resource (slides if required)

1. What is required by competitive ERP markets-resources and knowledge : A , M
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
8. What is the profit valley and how to escape from there? : A
9. Specify the basic concept of the Theory of Constraints. : D
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
16. Critical path and Critical Chain. : C
17. Use of project buffer (buffer management concept). : C
18. Pains and benefits. : B
19. Product Life Cycle and Boston Matrix

Practice (resources E-I):

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.
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 - L
10. Budget and its creation and principles - G
11. Accounting schedule in order to see the differences between actual and expected (planned) results.
12. Contact card and its profile and use of it.
13. Navigate functions