

Assessment questions and problems of "LOGISTICS MANAGEMENT TOOLS" BIS Course

1. What operations and activities are performed within modern logistics?
2. What is a logistics and what are ways to define logistics?
3. What are stages of logistics concept evolution?
4. What are basic orientations and tendencies in modern logistics?
5. What are 9R principle requirements for logistics and supply chain management?
6. What is a difference between "push" and "pull" production/manufacturing?
7. What are the implications of just-in-time (JIT) and Kanban for logistics?
8. What is a difference between logistics and supply chain management? Is it the same?
9. What is a difference between third party logistics (3PL) and fourth party logistics (4PL)?
10. What are barriers in developing supply chain management?
11. How enterprise strategies influence supply chain decisions?
12. Compare the concept of modern supply chain with more traditional distribution channels.
13. Explain the concept of SCOR model for logistics and supply chains.
14. What is a logistics strategy and what elements does it have?
15. Explain ECR system collaboration across the supply chain to meet consumer demand.
16. What are measures of customer service level?
17. Explain "bull-wip" effect in supply chains and ways to reduce this effect.
18. What are the benefits of integration in the supply chain and how integration can be put into practice?
19. What are advantages and disadvantages of partnership forms in supply chains?
20. What are methods of inventory control in logistics?
21. What are types of inventory in logistics and supply chains?
22. How VMI method works in logistics (responsibility, technology, benefits, and problems)?
23. Explain the meaning of ABC/XYZ classifications in logistics.
24. Explain EOQ (saw tooth) model for procurement and production planning.
25. Explain Wagner – Within's dynamic inventory control model for purchasing materials (with varying demand).
26. Explain the concept and an algorithm of MRP method for production planning.
27. What are symptoms of poor inventory management in logistics?
28. What are modes of transportation and types of carriers in logistics operations?
29. Explain the transport principles of economy of scale and economy of distance.
30. What are economic drivers (factors) in transportation operations?
31. What documents are used in transportation operations?
32. What are terms of sale and responsibilities in "Incoterms 2000"?
33. Explain the influence of changing number of warehouses to inventory.
34. What logistics strategies are used in modern enterprises?
35. Explain modal method for warehouse and distribution centres' location design.

LECTURE ASSESSMENT:

Colloquium (100%) + attendance *bonus* points

Date of colloquium:

16th of January, 2019, 11¹⁵-12⁴⁵ (First attempt, r. 308 B1)
24th of January, 2019, 12⁰⁰-12⁴⁵ (Second attempt, r. 201 C7)

Good Luck