

Topics covered during a diploma examination

Second-degree - Master studies

Field of study Management

Scope: Logistics

1. Main trends (schools) in the theory of management.
2. Contemporary management theory.
3. Economic growth - methods of measurement and social and economic consequences
4. Monetary policy and the functions of money.
5. Criteria for enterprise typology.
6. Sources of company financing.
7. Procedures and principles for starting one's own business.
8. Areas of interest in logistics.
9. Elements of logistics customer service.
10. Sources and types of conflicts in organisations.
11. Styles and methods of conflict resolution.
12. Negotiation principles and techniques.
13. Tools for analysing typical decision-making problems.
14. Linear programming methods in decision-making processes.
15. Scope and methods of strategic analysis.
16. Basic competitive strategies.
17. Sources of strategic competitive advantage.
18. Methods of identifying fixed and variable costs.
19. Pricing in international marketing.
20. Environmental implications for business operations.
21. Basic assumptions of the process management concept.
22. Steps of statistical inference.
23. Business management ethics in the perspective of a social market economy.
24. Characteristics of an ERP (Enterprise Resources Planning) IT system. Definition, assumptions and basic modules of the system.
25. Differences between MRP (Manufacturing Resources Planning) and ERP (Enterprise Resources Planning) IT systems.
26. DSS (Decision Support System) - characteristics of the system module and its application in the enterprise.
27. Differences between CRP (Capacity Requirement Planning) and CRM (Customer Relationship Management) modules.
28. Tasks of procurement logistics.
29. List and briefly characterise the elements of supply market research.
30. List and briefly characterise supplier evaluation criteria.
31. Characteristics of the internal structure of the organisational unit involved in procurement logistics taking into account the functional and material division.
32. Changes in the environment of enterprises determining the development of production logistics.
33. The place of production logistics in business logistics.
34. Basic measures of logistics activities.
35. Characteristics of management systems improving production logistics.
36. Characteristics of methods for evaluating the condition of transport infrastructure.
37. Methods of eliminating pollution and noise "at source" in transport operations.
38. Transport capacity and capability - definitions and differences.
39. Econometric and demoscopic techniques in transportation demand research - definitions and examples
40. What are the effects of sales, production and supply fluctuation in the supply chain?
41. The nature and importance of the RFID system in the warehouse management of an enterprise.
42. Characteristic features of high-bay warehouses.
43. Characteristic features of applying ABC analysis in inventory management.