

MASTER'S DEGREE EXAMINATION

Study major: Project Management (*inf. 23/24*)

1. Discuss the importance of profitability assessment methods in the absolute calculus of investment project efficiency (assumptions, algorithms, interpretation, decision-making criterion).
2. Functions of capital cost in the assessment of investment project profitability.
3. Discuss the types of project benefits.
4. Compare the absolute and relative calculus of investment project efficiency.
5. The importance of alternative cost in economics and finance.
6. Discuss the importance of information asymmetry in project management.
7. The significance of public projects for the economic development of the country.
8. Discuss the market unreliability issues.
9. Evaluate the SCRUM standard from the point of view of project implementation effectiveness.
10. How should the work of the project team be evaluated?
11. Please discuss the stages of strategic management.
12. Discuss the main challenges of the project planning phase.
13. What relationships occur between company strategies?
14. Please discuss the role of strategic analysis in the formulation of a company strategy.
15. What are key methods used for assessing the attractiveness of the sector?
16. Discuss the methods of analyzing the internal potential of the enterprise.
17. Discuss the types of project costs.
18. Discuss basic strategies of enterprise development.
19. Please assess the forms of external development of an enterprise.
20. Discuss the importance of individual managerial functions, depending on the enterprise management level.
21. What is the role of a manager in organizations?
22. How is management influenced by achievements of representatives of primary management schools?
23. How should decisions be undertaken in an organization?
24. How should organizational culture be shaped?
25. What factors should be taken into account when designing an organizational structure?
26. Please assess the usefulness of basic motivation theories for managers.
27. What is the approach to work of people from Generations X, Y (so-called Millennials) and Z?
28. How should an effective project team be built?
29. What competencies should a project manager possess?
30. Discuss basic strategies of competitors.
31. How should the work of a project team focused on cooperation be organized?
32. Discuss the main challenges of the project execution phase.
33. What is the effective method of communication in a project team?

34. What conditions should be met in order for the project team to be committed to the implementation of the project?
35. What is the role of a conflict in the project team?
36. How can the internal environment affect the functioning of a project team?
37. Discuss the specificity of projects in relation to process and operational activities.
38. What is the relationship between the types of projects and the specificity of their management?
39. Discuss the role and importance of projects in organizations.
40. What conditions for project implementation are related to the organization of a project in the form of a project subsidiary?
41. Discuss the essence and content of the project management cycle phases.
42. What relations occur between elements of the triad of project goals (called the Iron Triangle).
43. Discuss the main challenges of the project initiation and definition phase.
44. What are the fundamentals of management? Discuss the importance of basic management functions.
45. Please discuss the project risk management process.
46. Compare the strengths and weaknesses of running business activity in the form of partnerships and companies?
47. What is the role of the business model in operations of an enterprise?
48. Spans of control and management vs. the shape of the organisational structure.
49. The importance of project management methodologies for the implementation of projects.
50. What are the main similarities and differences between key project management methodologies and standards?
51. What is the importance of project management offices (PMOs) in project-oriented organizations?
52. What is the difference between the classic (waterfall) and agile approach to project management?
53. Discuss the nature and use of network project planning techniques.
54. Discuss the nature and importance of project resource planning for the effective project management.
55. Assess the usefulness of key project management methodologies and standards depending on the type of project.
56. Assess the PRINCE2 methodology from the perspective of project implementation effectiveness.
57. How to implement project management methodologies in organizations?
58. Discuss the key roles of project participants and their tasks.
59. What are the conditions for project implementation related to the project matrix organization?
60. Discuss the main challenges of the project closing phase.
61. What conditions of project implementation are associated with the organization of a project in a linear structure and what in a linear-staff structure?
62. What conditions of project implementation are connected with the organisation of a project in the form of external project organisation?

63. Assess the PMBoK Guide methodology from the perspective of project implementation effectiveness.
64. The importance of project maturity in project management.
65. Assess the consequences of PMO implementation for the organization.
66. Compare the main models of project management offices (PMOs).
67. The importance of risk in project management.
68. Discuss the tasks performed by project management offices in organizations.
69. What is the role and participation of the project management office (PMO) in strategic project management?
70. Discuss the role and tasks of project management offices in managing project knowledge?
71. How to implement project management offices (PMOs) in organizations?
72. Specify the importance of stakeholder engagement management in project management.
73. How to use the classification of stakeholders in project management?
74. Compare influence strategies on stakeholders.
75. Discuss the stakeholder engagement management process.
76. Discuss the similarities and differences between the risk owner and the owner of a reaction to project risk.
77. Compare the process approach and the structural (hierarchical) approach in management.
78. Specify strengths and weaknesses of process management.
79. Discuss the most popular methods/concepts for improving business processes.
80. What is the purpose of process mapping in management?
81. How to plan the scope of a project?
82. Discuss the usability of main process maturity models in managing an organisation.
83. What are the advantages and disadvantages of high standardization?
84. What is the role and place of controlling and budgeting in project management?
85. Discuss similarities and differences between project controlling and audit, project evaluation and monitoring.
86. Discuss the similarities and differences between strategic and operational project controlling.
87. Discuss the impact of typical forms of project organization on project implementation.
88. Main types of reports used in project controlling.
89. Discuss the role and scope of support for the Earned Value technique in the project management process.
90. What is the place and importance of projects in implementing the organization's development strategy?
91. Discuss the challenges of managing a program, portfolio and project chain.
92. Compare methods for selecting projects for a portfolio of strategic initiatives.
93. Assess the PMI Project Portfolio Management (PPfM) methodology for the effectiveness of managing a project portfolio.
94. Assess the Managing Successful Programmes (MSP) methodology for the effectiveness of managing a project programme.
95. Discuss and compare the key techniques for planning the course of projects over time.

96. How to ensure reliable estimates of time, resources, and costs in projects?
97. How to estimate the risk of timely project accomplishment?
98. Specify the importance of the schedule in managing the course of the project.
99. The concept of a critical path in project management and methods for its identification.
100. Discuss the types of budgets used in projects.

Literature:

1. Metodyki i standardy zarządzania projektami, pr. zb. pod red. M. Trocki, PWE, Warszawa 2017;
2. Nowoczesne zarządzanie projektami, pr. zb. pod red. M. Trocki, PWE, Warszawa 2012;
3. Planowanie przebiegu projektów, pr. zb. pod red. M. Trocki i P. Wyrozębski, Oficyna Wydawnicza SGH, Warszawa 2015;
4. Rogowski W., Rachunek efektywności inwestycji, Oficyna Wydawnicza, Kraków 2013;
5. Trocki M., Organizacja projektowa. Podstawy. Modele. Rozwiązania, PWE, Warszawa 2014;
6. Wachowiak P. et. al., Kierowanie zespołem projektowym, Difin, Warszawa 2004;
7. Wyrozębski P., Biuro zarządzania projektami (PMO), PWE, Warszawa 2019.