

Integrated subject bachelor study - questions

Management of Earth resources

1. Traditional energy sources - business and trading - coal
 - a. Deposits and reserves of coal
 - b. consumers and coal consumption
 - c. trading and coal prices
 - d. technologies of coal extraction
2. Traditional energy sources - business and trading – oil
 - a. deposits and oil reserves
 - b. consumers and oil consumption
 - c. trading and oil prices
 - d. Technology oil extraction
3. Traditional energy sources - business and trading – natural gas
 - a. Deposits and gas reserves
 - b. consumers and natural gas consumption
 - c. trading and gas prices
 - d. Natural gas technology extraction
4. Characteristics of mining enterprises in Slovakia
 - a. definition of enterprises according to legal form, business size with the regard to mining enterprises
 - b. Asset and capital structure of enterprises with the regard to mining enterprises
 - c. characteristics of production factors of mining enterprises in Slovakia
 - d. characteristics of mining entrepreneurship in the Slovak
5. Characteristics of mineral raw materials in the national economy of the SR
 - a. Mineral raw materials and classification of deposits in Slovakia
 - b. Reserves of mineral raw materials in Slovakia
 - c. the position of the mineral raw materials in the national economy SR,
 - d. import, export, trade balance with mineral raw materials
6. Surface mining methods
 - a. Characteristics of mining methods – cyclic and continual method
 - b. Utilization of mining methods in Slovakia – opening of the deposit, processing
 - c. Mining machines and equipment
 - d. Utilization effects of using methods on environmental quality
7. Investments and evaluation of mineral raw materials
 - a. Importance of resources classification of mineral raw materials according to OSN
 - b. Stages of usability
 - c. Analysis of investments in mining, its basic levels of project analysis and economic decision-making tools
 - d. Economic variables of the project
8. Deep mining methods
 - a. Characteristics of mining methods
 - b. Utilization of mining methods in Slovakia
 - c. Mining machines and equipment
 - d. Utilization effects of using methods on environmental quality
9. Characteristic of macroeconomic indicators of mining sector
 - a. Characteristics and development of GDP and GNP in the mining sector

- b. Characteristics and Evolution of Registered Unemployment, Registered Employment in the Mining Sector
 - c. Characteristics and development of FDI in the mining sector
 - d. Characteristics and development of SMEs in the mining sector
10. Life cycle of mining company
- a. Establishment - legislation, investment, property, personnel security, market analysis
 - b. Growth and stabilization - Market research, sales promotion methods, sales tools, potential risks, financial health assessment, market position, market position, product, finance, assets, economic efficiency assessment, predictions of future development
 - c. Stabilization - Crisis, decline, decline - reasons, causes, solutions
 - d. Consolidation or extinction - Subject and form of extinction, possibilities of consolidation.
11. Management of mining company
- a. level of management of the mining enterprise, organizational relations
 - b. f. characteristics of managerial activities (organization, management, planning, control, motivation)
 - c. g. decision-making process
 - d. h. organizational structure
12. The impact of extraction and processing of raw materials on the Environment in Slovakia
- a. Mining and processing technologies and their impact on the environment
 - b. b. Heavy metals, their impact on the quality of the environment and human health
 - c. c. Legislative aspects of the impact of mining
 - d. d. Economic aspects of the impact of mining
13. Analysis of the management of the mining enterprise
- a. efficiency and productivity of the business
 - b. g. selected indicators of financial analysis - liquidity, profitability, indebtedness, activity
 - c. h. the characteristics of the mining enterprise's profit
 - d. i. environmental costs, the possibilities of their reduction and their impact on the economic result
14. Environmental aspects of business with mineral raw materials
- a. g. general characteristic of the DPSIR chain
 - b. h. general characteristics of the EIA
 - c. i. environmentally responsible behavior
 - d. j. principles and principles of sustainable use of land resources
15. Marketing of mineral raw material
- a. Marketing environment - micro-environment and macro-environment
 - b. The nature and objectives of the marketing strategy - the strategy of the business portfolio
 - c. Measurement of current market demand, forecast of future market demand
 - d. Pricing and sales support