

Topics for State Examination

In bachelor program Business Economics and Management

STATE EXAM I.: BUSINESS ECONOMICS

Financial analysis of the company

1. Please provide reasons for considering the financial statements (the most important source of information for financial analysis of the company. Structure and contemporary changes in financial statements (2014-2015).
2. Procedural and substantive (content) differences in financial statement in accordance with Slovak accounting standards and in accordance with IFRS. Their interpretation and impact on the financial analysis.
3. The nature of the financial analysis "ex post" procedure, based on the quantification and interpretation of financial indicators. Which aspects of the financial situation is usually monitored?
4. Procedure for the indicators profitability analysis utilizing Du Pont equations. The methods for quantification of the impact of elements determining profitability changes.
5. Specifics of the financial analysis in company clusters. Structure of financial closing, methods of consolidation and the formation ratio financial ration indicators.
6. The nature of the substance of the FA 'ex ante', a method of "distinguishing good" indicators and methods used in predicting the financial development of the company

Informatics I.

1. Information and communication technologies in the knowledge society.
2. The computer system.
3. Program tools and their use.
4. Database processing.
5. Communication and communication services. Virtualization and cloud computing.
6. Security of information technologies.

Microeconomics

1. Supply and demand in the market of goods and services, factors affecting supply and demand, surplus / shortage in the market and the market equilibrium, excess and loss of consumers and businesses.
2. Fundamentals of the consumer theory- preference, utility, marginal utility, marginal rate of consumer substitution. Maximizing the utility for the consumer.
3. Theory of production - production functions and their characteristics, production functions for one or more variable input, output elasticity and three stages of production. Long-term returns, quantity savings.
4. Company in conditions of perfect competition - short and long-term profit maximization, supply function of a competitive company. Profit, acceptable loss and unacceptable loss of a company.
5. Monopolistic market structure - characteristics, profit maximizing in monopoly, Cournot's point of equilibrium of monopoly. Price discrimination of the first, second and third degree.
6. Oligopoly - basic characteristics. Cournot's point of equilibrium of oligopoly. Quantitative leader and price leader in oligopoly. Protection of competition, cartels

Enterprise and Entrepreneurship

1. The basic characteristics of a company in a market economy, entities and business conditions and the business environment.
2. The enterprise as target oriented system. Subjects of target decisions and business objectives classification.
3. Localization of an enterprise, the nature and characteristics of the enterprise localization factor, decision on location.
4. The life cycle of an enterprise and other economic aspects of the individual cycle phases.
5. Typology of enterprises and the use of individual typological criteria in decision-making processes of the company.
6. The areas, criteria and form of clusters. Protection of competition.

Business in Small and Medium Enterprises

1. Explain how they affect the criteria and methods for quality assessment of Slovak business environment by Slovak Business Alliance and Global Economic Monitor Focusing on the performance of SMEs in Slovakia.
2. Explain how they affect the criteria and methods for assessing the quality of the business environment by the World Bank and the World Economic Forum Focusing on the performance of SMEs abroad.
3. Explain the pros and cons of institutional support of SMEs in Slovakia.
4. Possibilities to support SMEs in the Slovak Republic from the EU funds.
5. The impact of the tax burden on the number and structure of small and medium enterprises in Slovakia.
6. The nature of the advantages and disadvantages of family businesses in Slovakia

Business Finance

1. Financial Management and basic categories used in financial management.
2. Financial, capital structure and financial goals of the company.
3. Acquisition of the capital of a company from internal and external financial resources.
4. Fundraising by loan.
5. Characteristics of the financial aspects of investment in long-term tangible and intangible assets of the company and the method of choosing the appropriate investment project.
6. Financing of current assets of the company. Management of inventories, receivables and cash. Cash cycle of a company.

Business Economy

1. Business assets and its classification. Explain the evaluation of company assets. Explain the use of company property in terms of write-offs and depreciation.
2. The human resources of the company. Determining the need for human resources and the creation of working conditions, employee and labor productivity.
3. Explain the meaning of planning and management of material inputs.
4. Production process and its structure, utilization of the production capacity of the company and its impact on economic results of a company.
5. The nature and tasks (functions) of product sales, the contracting policy as a tool for product sales.
6. The nature and classification of expenses. Sources and means of reducing costs.

STATE EXAM II.: MANAGEMENT

Corporate Planning

1. Content of corporate planning, the system company plans and planning organization.
2. Methods and techniques used in the planning and their categories.
3. Business plan, its functions, structure and content.
4. Marketing plan and its content, methods and processes used in its composition. Production planning and balancing production capacity.
5. Investment programs and planning. Algorithm of investment planning. Financial investments.
6. Characteristics of the financial plan, its structure and the development process. Designing each statement of financial plan.

Managerial Informatics

1. The enterprise's information system based on information technology and its application architecture.
2. Information Systems category of Enterprise Resource Planning.
3. Procedure for implementing IS / IT - strategic decisions and management of the project.
4. Systems for customer relationship management (CRM).
5. Systems for the management of supply chain management (SCM).

6. Systems of Business Intelligence (BI) category.

Management

1. Main approaches in the contemporary management using an interdisciplinary approach, their benefits, drawbacks and the main authors.
2. Vertical and horizontal characteristics of strategic management of the company.
3. Application of organic types of organizational structures, categories and their use.
4. Methods and techniques of control processes in relation to the phases of activities of the object of control.
5. The types and styles of leadership by the behavior of the leader.
6. The types and content of motivation theories (theory of needs) in managerial practice.

Production Management

1. Main functions and content of production management. Interrelations (synergy) of production management and other components of business management.
2. Creation of the production program of the company and the possibility of its diversification. Component analysis of the production process.
3. Timing Analysis (structure), pre-production and production cycle. Economic benefits of shortening production time.
4. The principles of organization (arrangement) of the production process in the company. The importance of their application in the enterprise.
5. Content and function of preparation of production in the company. Possibilities of production preparation improvements.
6. Types and features of service of production in a company. Basic subjects of service management of production.

Cost Controlling

1. The term, dimensions, tasks and tools used in cost controlling, and its allocation within management of the company.
2. Calculation system, of attributes cost calculations and method of the calculation system creation.
3. Budgets and budgeting. Budget forms, the basic criteria for their application and methods of budgeting.
4. Problems related to the allocation of costs. Basic types of cost calculations.
5. Cost calculation methods and possibilities for their use.
6. The calculations of incomplete costs and their use.

Business Decision-making

1. The decision-making in management of a company.
2. Theory, principles and rationality of decision-making.
3. Classification of decision-making processes.
4. Methods of decision making in conditions of certainty.
5. Methods of decision making in conditions of risk.
6. Methods of decision making in conditions of uncertainty.

Psychology

1. The use of psychological theories and concepts in management / work of a manager.
2. The use of psychological methods in managerial practice.
3. The theory of motivation / work motivation and their application possibilities in management.
4. Negative psychic phenomena (monotony, fatigue) in the work process of manager.
5. Psychological effects of the working environment and its improvements in the work of manager.
6. Mental health and prevention of mental disorders and syndromes emerging in the labor force in terms of management.

Human Resources Management

1. The role of human resource management in the management of the company. Objectives, subjects and functions of human resource management. The contemporary trends in human resources management.
2. Analysis of work and its relation to the various functions of human resource management. Designing jobs.
3. Recruitment and selection of employees. Sources and methods of recruitment. The process of selecting employees and their orientation in a company. Termination of employment.
4. Current approaches to training employees and managing their careers. Cycle and methods of employee training, evaluation learning process.
5. Rewarding employees and evaluating their performance. Reward system in a company, legislative framework in the Slovak Republic. Goals, methods and subjects of performance assessment.
6. The working environment and working relations. Collective bargaining. The relationship of corporate culture and human resource management.