

Final state examination questions

Finance - Specialization Financial markets

1. Financial market organization and structure
2. Securities Market Indices
3. Fixed-Income markets (issuance, trading)
4. Valuation of fixed income securities
5. Option Markets (the option contract, values of options at expiration)
6. Option strategies (for hedging or speculation)
7. Futures markets (the futures contract, mechanics of trading in futures markets, futures markets, futures markets strategies, the determination of futures prices)
8. Statistical concepts and market return
9. Discount Dividend Valuation
10. Free - Cash Flow Valuation
11. Residual Income Valuation
12. Market-Based Valuation (Price and Enterprise Value Multiples)
13. Private Company Valuation
14. Define the approach of Harry Markowitz to modern portfolio theory, describe the optimization procedures, objective function and restrictions.
15. Explain the concept of an available set of portfolios and the efficient frontier. How is determined the shape of the efficient frontier?
16. Describe the CAPM (historical background, assumptions), SML and CML in this concept and explain the main differences.
17. Multifactor models (APT, CAPM extensions)
18. Explain the multi-index portfolio approach. What are the main differences to minimum-variance portfolio?
19. Describe an approach for a portfolio construction in the situation of short sell ban.
20. Investment certificates without guarantee
21. Investment certificates with full or partial guarantee
22. Leverage products
23. Describe the equivalences in the foreign exchange market. What deviations from parity conditions mean for real exchange rates?
24. Describe different exchange rate systems as identified by the International Monetary Fund as well as currency risks associated with these systems.
25. Describe sources of long-term capital for a multinational corporation.