R19

Code No: 763AG

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

MBA III Semester Examinations, February - 2025

SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT

Time: 3 Hours **Max.Marks:75**

Note: i) Question paper consists of Part A, Part B.
ii) Part A is compulsory, which carries 25 marks. In Part A, Answer all questions.
iii) In Part B, Answer any one question from each unit. Each question carries 10 marks and may have a, b as sub questions.

PART – A

(25 Marks)

1.a) Describe the Investment Avenues. [5]
b) Brief on Markowitz Portfolio Theory. [5]
c) Discuss the concept of Yield to Maturity and yield to call. [5]
d) Brief on Fundamental analysis and Technical analysis. [5]
e) Describe an overview of Indian Forward vs. Future Markets. [5]

PART - B

(50 Marks)

2.a) Illustrate the determinants that affect investment environment.
b) Describe the investment process with an example. [5+5]

OR

3.a) Narrate the security trading and settlement process.
b) Brief on security market of India. [5+5]

4. An investor wants to construct a portfolio in the following assets:

Year/ Stock	Return (%) L	M	N
2022	12	14	16
2023	18	12	14

The investor wants to ensure the decision based on risk return profile. What is the expected return and risk on portfolio, if 40%, 30%, 30% investment in L, M & N respectively? [10]

OR

5.a) Describe the efficient market hypotheses under different scenarios.
b) Illustrate the single index model with an example. [5+5]

6.a) Elaborate applications of bond pricing theorems.
b) Brief on classification of fixed income securities. [5+5]

OR

7.a) A 10-year bond with a face value of Rs.1,000 pays an annual coupon of 6%. The bond's yield to maturity (YTM) is currently at 5%. Calculate bond price.
b) Describe the concept of bond immunization and bond convexity. [5+5]

8.a) "Investment! Based on fundamentals to create wealth" Comment.
b) Discuss the relative valuation techniques. [5+5]

OR

9.a) Why do traders adopt technical analysis? If so, what tools?
b) Brief on Economic Value added approach in equity valuation. [5+5]

10.a) Describe the option valuation strategies with scenarios.
b) Discuss the mechanics of Trading, Strategies. [5+5]

OR

11.a) Recommend the fund for investment under Treynor ratio.

	Portfolio A	**Portfolio B**
Return	12 %	10%
SD	8%	6%
Beta	1.2	0.8
Rf	4%	
ERp	11%	

b) Illustrate the concept of Fama's decomposition. [6+4]

---oo0oo---