

GUJARAT TECHNOLOGICAL UNIVERSITY
MBA INTEGRATED-SEMESTER-VII-EXAMINATION-WINTER-2024

Subject Code: 2577121

Date: 22/11/2024

Subject Name: Security Analysis and Portfolio Management

Time: 10:30 AM TO 01:30 PM

Total Marks: 70

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Use of simple calculators and non-programmable scientific calculators are permitted.

- Q.1** (a) What is Investment? What are the main characteristics of investment? **07**
 (b) Briefly explain investment attributes. **07**

- Q.2** (a) Elaborate various stages of Investment process. **07**
 (b) Explain in detail factors affecting to Industry analysis. **07**

OR

- (b) Write a short note on assumptions of technical analysis. **07**

- Q.3** (a) Find the variance and standard deviation and arithmetic mean during the past five years returns of stock were as follows : **07**

Year	1	2	3	4	5
Return	0.07	0.03	-0.09	0.06	0.10

- (b) Write in detail arbitrage pricing theory. **07**

OR

- Q.3** (a) Compute expected rate of return and standard deviation of rate of return using following information : **07**

State of Economy	Probability	Rate of return (%)	
		Parthiv food	Parthvi food
Boom	0.30	16	40
Normal	0.50	11	10
Recession	0.20	6	-20

- (b) What do you mean by portfolio management? How to evaluate it by different techniques of performance evaluation of existing portfolio? **07**

- Q.4** (a) Explain following terms : **07**
 a) Three white soldiers
 b) Three black crows
 c) Morning star

- (b) What do you mean by chart pattern in technical analysis? Explain various types of chart pattern. **07**

OR

- Q.4** (a) Difference between fundamental analysis and technical analysis. **07**
 (b) Write a short note on Random walk theory. **07**

- Q.5** (a) Write in detail about CAPM model **07**
 (b) If Rs.924.28 is present value of 8% 1000 Rs. Bond which redeem after 5 years at par so calculate valuation of bond by using YTM method . **07**

OR

- Q.5** (a) Explain in detail various kinds of Risks in portfolio management. **07**
(b) The following table gives the portfolio return and market return. Rank the performance as per Jensen Model **07**

Portfolio	Return of portfolio	Beta	Risk free rate (%)
A	15	1.2	5
B	12	0.8	5
C	15	1.5	5
Market index	12	1	5
