

**SRINIVASAN ENGINEERING COLLEGE, PERAMBALUR**  
**DEPARTMENT OF MANAGEMENT STUDIES**  
**BA9257 SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT**  
**UNIT-I - INVESTMENT SETTING**

**PART-B**

1. List and explain the market indicators
2. Discuss the various types and features of debenture
3. List the new innovation in bond market
4. Explain how investor's protection measures taken by the authorities in primary market.
5. How can investor's protection be made effective?
6. Investment and speculation are somewhat similar and different in certain respects-Explain
7. Explain the process of investment undertaken by the investors
8. Explain the primary and secondary objectives of investment
9. Explain the rules and regulation of SEBI
10. What are the sources of investment?

**UNIT-II - SECURITIES MARKETS**

1. Bring out the reason behind the success of NSE over BSE in the Indian Capital market
2. List the various initiatives taken by SEBI
3. List out the various institutions that define the capital structure of a firm
4. Analyze the role of NIM in financing Companies
5. Explain in detail the functions of Capital Market
6. Discuss the role of FI's in the formation of capital market
7. What are the reforms made by Capital market? Do reforms have an impact on capital market
8. What are the implications of the Narashima Committee
9. Explain in detail the problems faced in the NIM

10. Is debt market play an active role in the capital market- Discuss
11. List the guidelines of SEBI in issue and allotment of shares
12. "Vigilance on the part of investors could avoid there being caught up in the poor public issue"- How is it possible.

### UNIT-III - FUNDAMETAL ANALYSIS

1. Explain the utility analysis and state the economic factor consider for this analysis
2. Industry life cycle exhibits the states of the industry and gives a clue to entry and exit for investors-elucidate
3. What are the methods adopted to analyze the financial statements of a company
4. Following are the data for Anand product 1998

Assets		Revenue	6600
Short term	6000	Op.exp	5950
Liabilities	450	EBIT	650
8% debentures	1250	Interest	150
10% bond	500	EBT	500
Common stock	3500	Taxes	200
Surplus	300	Dividend	50

Find out

1.
  1. Asset turnover
  2. Effective interest rate
  3. Effective tax rate
  4. Debt/Equity ratio
  5. Dividend payout rate

5. Calrick Ltd has an equity box of Rs.10 cr. Some of the ratio are

1. Current debt to total debt =0.40
2. Total debt to equity=0.10
3. F.A to equity=0.85
4. Total asset turnover= 2 times
5. Inventory turnover= 8 times

Calculate – Total debt, F.A, Total capital, total sales, sales and inventories.

## UNIT-IV - TECHNICAL ANALYSIS

1. Calculate the EMA for 20-day period assuming that 20 days SMA on the first day is 410.

1	424
2	422
3	436
4	415
5	411
6	433
7	417
8	422
9	423
10	409
11	417
12	418
13	427
14	431
15	430
16	419
17	417
18	425
19	412
20	408

2. RSI is a total for T.A for measuring momentum. The following information pertains to the price of stock and for the last 8 trading days.

Days	Closing price
0	180
1	160
2	190
3	210
4	300
5	290
6	210
7	100

You are required to calculate the RSI and interpret the result.

3. Given below is the information for 6 trading sessions in March 1999.

Days Price

1	575.50
2	545.40
3	535.35
4	540.80
5	542.45
6	550.60

Calculate 50-day EMA assuming that SMA for the first day is Rs. 532.5. Compare EMA with price and interpret.

4. Consider the following daily stock prices of a company listed on BSE.

Day High Low Close

1	330	290	300
2	320	270	290
3	310	280	300
4	315	290	300
5	325	300	315
6	340	290	310
7	345	300	330
8	325	285	300
9	305	250	280
10	290	240	260
11	285	240	280
12	295	250	

Calculate % K stochastic for 6 days.

5. Data for 7-day trend of Group A scrips of BSE is given below

Day Advances Decline Unchanged

1	96	96	7
---	----	----	---

2	140	53	6
3	120	75	4
4	79	115	5
5	102	88	9
6	99	95	5
7	90	102	7

Calculate Short period A-D Line

Long period A-D Line.

## UNIT-V -PORTFOLIO MANAGEMENT

1. With the details given below calculate Sharpe, Treynor and Jensen

Find Return SD Beta

A	2	20	0.98
B	12	18	0.97
C	8	22	1.17
D	9	24	1.22

Risk free rate of return 4%

1. The table gives the data about 3 funds

P.F	Rf	Beta	Rf
A	14%	1.3	6%
B	12%	0.9	6%
C	18%	1.6	6%
Market index	13%	1.0	6%

Compare the funds performance into the market index performance.

2. Stocks L&M have yielded the following returns for the past 2 years

Years	Return %	
	L	M
1995	12	14
1996	18	12

1. What is expected return on P.F made up of 60% of L and 40% of M?
2. Find out the SD of each stock.
3. What is Co-variance in co-efficient of correlation between L&M
4. What is the P.F risk of a P.F made up of 60% of L & 40% of M

3. Describe the portfolio management analysis

4. What are the different types of mutual funds