Reg. No :................................

Name :................................

MASTER'S DEGREE (C.S.S) EXAMINATION, NOVEMBER 2024
2023 ADMISSIONS REGULAR
SEMESTER III - CORE COURSE COMMERCE AND MANAGEMENT
CM3C13TM - Security Analysis and Portfolio Management

Time : 3 Hours

Maximum Weight : 30

Part A

I. Answer any Eight questions. Each question carries 1 weight (8x1=8)

1. Explain speculation.

2. What are financial assets?

3. What is industry analysis?

4. What is market risk?

5. What is moving average?

6. What is rounding bottom?

7. What is portfolio risk?

8. What is beta coefficient?

9. What is portfolio evaluation?

10. What is variable ratio plan?

Part B

II. Answer any Six questions. Each question carries 2 weight (6x2=12)

11. What are the different forms of investment alternatives? Give a detailed account of any five such alternatives.

12. Explain the principles of investment.

13. HCL Ltd estimates the probability and the possible outcomes as returns for the three observations are given below. You are required to calculate the standard deviation.

Probability	0.25	0.5	0.25
Return(%)	13	15	17

14. Explain RSI.

15. Which are the different types of trend?

16. Explain CML.

17. Standard deviation of security A= 40 and standard deviation of Security B =25. Proportion of investment in A = 0.4 and proportion of investment in B =0.6. Correlation coefficient = -1.0. Calculate portfolio standard deviation. What will be the new portfolio standard deviation if the proportion of investment changed to 0.3846 and 0.6154 for A and B respectively. Also, comment on the result.

18. Explain Sharpe's ratio.

Part C

III. Answer any Two questions. Each question carries 5 weight (2x5=10)

19. What are the economic factors or indicators in Fundamental analysis?

20. Explain Random walk theory.

21. Elaborate on Sharpe single index model citing its assumptions and importance.

22. Explain the portfolio performance evaluation methods.