22/10/25

TM253850L

Reg. No :.....

Name :.....

MASTER'S DEGREE (C.S.S) EXAMINATION, OCTOBER 2025

2024 ADMISSIONS REGULAR

SEMESTER III - CORE COURSE

CO3C13TM20 - 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. Describe the term tax shelter.
2. Explain financial investment.
3. Explain fundamental analysis.
4. Explain the term industry life cycle analysis.
5. Explain Japanese candle stick chart.
6. Enumerate assumptions of technical analysis.
7. Describe the term portfolio.
8. Explain the uses of portfolio analysis.
9. Describe formula plans.
10. Explain Treynor's performance index.

Part B

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

11. Describe the sources of investment information.
12. Differentiate between physical assets and financial assets.
13. Describe security analysis, Explain its tools.
14. Explain different forms of market efficiency in EMH.
15. Describe technical analysis, Explain its limitation.
16. Explain Sharpe's Single Index model/Market model along with security return and portfolio return.

17.

Security	Estimated return (%)	Beta	Standard Deviation (%)
P	28	1.9	45
Q	24	1.3	41
R	21	0.9	29
S	11	0.8	26
T	9	0.6	19
MARKET INDEX	16	1.00	18
GOVT BONDS	6	0	0

You are being appointed as portfolio manager in an MNC investment company. Your clients in connections with the advice to be supplied the following data. Kindly advise them to buy or not to buy.

Use the CAPM model and identify.

(a) Which of the stocks is overpriced?

(b) Calculate the expected return and risk of the portfolio if the proportions of the investment are equal.

18. Describe portfolio evaluation, Explain methods of measuring portfolio return and risk adjusted return.

Part C

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

19. Explain different types of risk.
20. Explain oscillators and market indicators in detail.
21. Explain the construction of efficient market frontier, selection of optimal portfolio.
22. "Portfolio evaluation essentially comprises two functions, performance measurement and performance evaluation". Discuss. Also explain various evaluation perspectives.