

TM243477A

26.11

Reg. No :

Name :

MASTER'S DEGREE (C.S.S) EXAMINATION, NOVEMBER 2024

2023 ADMISSIONS REGULAR

M.C.M SEMESTER III - ELECTIVE COURSE

CM3E01TM - Financial Analytics (for Finance)

Time : 3 Hours

Maximum Weight : 30

Part A

I. Answer any Eight questions. Each question carries 1 weight

(8x1=8)

1. Explain client profitability analytics.
2. Define financial analytics.
3. Write about Autoregressive Model.
4. Define econometrics.
5. Briefly describe simple linear regression.
6. Write about Tree based model.
7. Write about volatility models.
8. Explain time series data analysis.
9. Briefly explain Data Presentation.
10. Explain data warehousing.

Part B

II. Answer any Six questions. Each question carries 2 weight

(6x2=12)

11. Describe the scope and importance of financial analytics.
12. Discuss the gains of financial modeling.
13. Briefly explain the limitations of Cobb Douglas Production Function.
14. Write down the types of Multicollinearity.
15. List out and briefly explain the types of Regression Analysis.
16. State and explain the components of time series analysis.
17. List out the features of data mining.
18. Explain the limitations of Data mining.

Part C

III. Answer any Two questions. Each question carries 5 weight

(2x5=10)

19. Assess the major properties of Cobb Douglas Production Function.
20. There are different techniques used in Regression Analysis. Explain them.
21. Define time series data analysis. Elucidate the utilities and benefits in business development.
22. Discuss the application of data Mining in today's competitive businesses.