



M.Com. III Semester Degree Examination, April/May - 2024

COMMERCE

Financial Econometrics

(NEP)

Time : 3 Hours

Maximum Marks : 70

Note : Answer **any five** of the following questions with Question **No.1 (Q1) Compulsory**, each question carries **equal** marks.

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| 1. | What is financial econometrics ? Explain scope of econometrics. | 14 |
| 2. | (a) Write about diagnostic tests. | 7 |
| | (b) How do you get output of regression in excel ? | 7 |
| 3. | (a) Describe ARIMA model. | 7 |
| | (b) What is Stationary ? What are the methods of conversion of data into stationary ? | 7 |
| 4. | (a) What is VAR ? Discuss its advantages and disadvantages. | 7 |
| | (b) Write steps involved in calculating VAR models in Excel. | 7 |
| 5. | (a) What is non-linear model ? Outline its types. | 7 |
| | (b) Elucidate the models of volatility. | 7 |
| 6. | (a) What is OLS ? Explain its assumptions. | 7 |
| | (b) Explain Hedonic pricing model. | 7 |
| 7. | (a) Discuss methods for addressing simultaneous equation bias econometric models. | 7 |
| | (b) How do you calculate GARCH model in Excel ? Summarise them. | 7 |
| 8. | (a) Granger Causality Tests | 5 |
| | (b) P. Value | 5 |
| | (c) ARCH V/S GARCH | 4 |

