

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Second Semester BA Degree Examination, April 2025

ECO2MN100– Strategic Investment with Fundamental Analysis

(FYUGP 2024 Admission)

Time: 2 hours

Max. Marks : 70

PART – A

(All questions can be attended. Each question carries three marks. Ceiling - 24 Marks)

No.	Question	COs	Knowledge Level (KL)	Marks
1	Define investment and differentiate it from savings.	CO1	U	3
2	List out the key differences between a trader, a speculator, and an investor?	CO1	U	3
3	Explain the term "Market Capitalization" and its significance.	CO2	U	3
4	Asses the role of economic analysis in fundamental analysis.	CO3	U	3
5	Describe face value.	CO2	U	3
6	Analyse the significance of industry analysis in investment decisions.	CO3	An	3
7	Define value migration.	CO3	An	3
8	Differentiate between active investing and passive investing.	CO3	An	3
9	Explain the importance of corporate governance in company analysis.	CO4	E	3
10	Present the key components of a balance sheet.	CO4	E	3

PART – B

(All questions can be attended. Each question carries six marks. Ceiling - 36 Marks)

No.	Question	COs	Knowledge Level (KL)	Marks
	Explain the different types of industry cyclical—defensive, semi-cyclical, and deep cyclical—with examples.	CO3	An	6
12	Describe the main sections of a profit and loss account? How do they reflect a company's profitability over a period?	CO4	E	6
13	Explain the role of SWOT analysis in business evaluation.	CO4	E	6
14	Discuss the concept of Rights Issue, and Bonus Issue	CO5	E	6
15	Differentiate between Value and Price? Why valuation of companies is required?	CO5	E	6
16	Explain the concept of risk and return in investment decisions.	CO6	Ap	6
17	If you will receive \$5,000 in 2 years, how much is it worth today if its value decreases by 5% per year?	CO6	Ap	6
18	“A company’s dividend policy impacts investor decisions”. Assess the statement.	CO6	Ap	6

PART – C

(Answer any one question. Each question carries ten marks.)

No.	Question	COs	Knowledge Level (KL)	Marks
19	Explain how Michael Porter’s Five Forces Model, PESTLE Analysis, BCG Matrix, and SCP Analysis help in understanding an industry’s structure and competitiveness?	CO3	Ap	10
20	How does economic analysis help in understanding market trends? Explain the impact of fiscal and monetary policies and the role of economic analysis in fundamental analysis.	CO4	E	10

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Second Semester BA Degree Examination, April 2025

ECO2CJ102 – Mathematical Methods for Economics – I

(FYUGP 2024 Admission)

Time: 2 hours

Max. Marks : 70

PART – A

All questions can be attended.
Each question carries Three mark.
(Ceiling - 24 Marks)

Q.No	Question	COs	KL	Marks
1	Distinguish between relation and function.	CO4	C	3
2	Solve for x : $5(x - 2) = 3(x + 4)$	CO2	P	3
3	If $A = \{1, 2, 3\}$ and $B = \{a, b\}$, find $A \times B$ and $B \times A$	CO4	C	3
4	Find the roots of the quadratic equation $x^2 - 5x - 14 = 0$ using factorization.	CO2	P	3
5	Evaluate limit $\lim_{x \rightarrow 2} \frac{(x^2 - 4)}{(x - 2)}$	CO6	C	3
6	$A = \begin{bmatrix} 6 & 3 \\ -5 & 1 \end{bmatrix}$, $B = \begin{bmatrix} -2 & 4 \\ 7 & 3 \end{bmatrix}$, Find $A - B$	CO5	P	3
7	$y = f(x) = 3x^2 + 4x + 5$, find $f''(x)$	CO7	P	3
8	Find the determinant of $\begin{bmatrix} 8 & 3 \\ 4 & 7 \end{bmatrix}$	CO5	P	3
9	Distinguish between scalar and identity matrix	CO5	P	3
10	Simplify $\frac{(6a^3b^5)^4}{(2a^5b^3)^2}$	CO1	C	3

PART – B (Ceiling - 36 Marks)

(All questions can be attended; each carry 6 marks.)

Q.No	Question	COs	KL	Marks
11	Discuss the properties of linear homogeneous function	CO4	C	6
12	Solve the system of equations using Cramer's rule: $5x + 3y = 3$, $4x + 2y = 0$	CO5	P	6

13	Find rank of the matrix $A = \begin{bmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 5 & 7 & 9 \end{bmatrix}$	CO5	P	6
14	Define set and explain different methods of set with examples	CO4	C	6
15	Find the derivative of the following function $y = (7x^3 + 2x^2 - 3)(2x^2 + 5x)$	CO7	P	6
16	Determine whether the function is continuous at $x = 2$ $y = f(x) = \begin{cases} x^2 - 4, & x \leq 2 \\ 5x - 10, & x > 2 \end{cases}$	CO6	U	6
17	Solve $2x^2 - 7x + 6 = 0$	CO2	P	6
18	Differentiate $4x^3 + 6y^2 + 12xy = 50$	CO7	P	6

PART - C (1 x 10 = 10 Marks)

(Answer any one question.)

Q.No	Question	COs	KL	Marks
19	Solve the system of linear equations $x + 2y - z = 3$ $x - 3y - 2z = 11$ $-x - 2y + 2z = -6$	CO2	P	10
20	Explain the properties of determinants with examples. How do these properties help in simplifying determinant calculations?	CO5	P	10

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Second Semester BA Degree Examination, April 2025

ECO2FM106– Monetary Economics

(FYUGP 2024 Admission)

Time: 1.5 hours

Max. Marks : 50

PART – A

All questions can be attended.
Each question carries Two mark.

Ceiling -16 Marks

		COs	Knowledge Level(KL)	Marks
1	Describe the meaning of liquidity function of money.	CO1	C	2
2	Define near money.	CO1	C	2
3	Dinstingush between narrow money and broad money	CO3	C	2
4	Define reserve money.	CO2	P	2
5	State fishers' equation of exchange	CO4	P	2
6	Define Cash Reserve Ratio.	CO5	P	2
7	Explain monetary transmission mechanism.	CO6	F	2
8	Elaborate the meaning of discretionary monetary policy.	CO5	P	2
9	Define money multiplier	CO3	C	2
10	Describe the transaction demand for money.	CO4	P	2

PART – B

All questions can be attended.
Each question carries six marks.

Ceiling -24 Marks

		COs	Knowledge Level(KL)	Marks
11	Briefly describe the evolution of Money	CO1	C	6
12	Examine the process of credit creation by the commercial banks	CO2	P	6
13	Explain the Transaction approach to demand for money by Classicals	CO4	C	6

14	Briefly describe the goals of monetary policy.	CO5	P	6
15	Examine the role of money in a capitalist economy.	CO1	C	6

PART - C

Answer any *one* questions.
Each question carries **Ten** marks.

		COs	Knowledge Level(KL)	Marks
16	Explain the meaning and Functions of Money.	CO1	C	10
17	Describe the classical theory of Interest.	CO4	P	10

1 x 10 = 10 Marks