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SECTION - B (35 Marks)Answer **ALL** questions**ALL** questions carry **EQUAL** Marks (5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	Describe the concept of Micro econometrics and identify two types of data commonly used in this field.	K2	CO1
		(OR)		
	11.b.	Distinguish between endogenous and exogenous variables in an economic model. Support your answer with a suitable example from demand theory.		
2	12.a.	Explain the key assumptions of the Harrod-Domar model of economic growth.	K2	CO2
		(OR)		
	12.b.	Explain the relationship between the Marginal Propensity to Consume (MPC) and the size of the simple investment multiplier.		
3	13.a.	Explain the fundamental assumptions of Leontief's Input-Output model and their significance in economic planning.	K3	CO3
		(OR)		
	13.b.	Interpret the meaning of technical coefficients in an Input-Output table.		
4	14.a.	Explain the concept of a linear regression model. What does it mean for a model to be linear in the parameters but not in the variables?	K2	CO4
		(OR)		
	14.b.	Explain the role of the disturbance term u_t in a two-variable linear regression model. What are the key assumptions made about this term for valid statistical inference?		
5	15.a.	Interpret the Variance Inflation Factor (VIF). How is it used to detect the severity of multicollinearity among regressors?	K3	CO5
		(OR)		
	15.b.	Explain the concept of heteroscedasticity. In which type of data (cross-section or time series) is it more commonly found and why?		

SECTION - C (30 Marks)Answer **ANY THREE** questions**ALL** questions carry **EQUAL** Marks (3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	Define an economic model and analyze its key uses in economic theory. Illustrate your answer by explaining the components of a simple market model (demand and supply).	K4	CO1
2	17	Examine the multiplier – accelerator interaction.	K3	CO2
3	18	Explain the fundamental principles of Leontief's Input-Output analysis and outline its primary significance in understanding the structural interdependence of a national economy.	K3	CO3
4	19	Explain the concept of economic forecasting. Analyze the factors that contribute to forecast errors and evaluate the reliability of forecasts generated from econometric models.	K4	CO4
5	20	Explain the use of dummy variables in regression analysis with an example. Analyze how dummy variables can be used to model (a) seasonal effects and (b) structural breaks in a relationship.	K5	CO5

Z-Z-Z

END