Sr no	Topic	What to Study?	References for Study
1	Differentiation and Integration and their application in economics.	Practice Integration[using non linear demand function/ cost function] mainly for calculating Consumer, Producer Surplus and Deadweight loss [1 question is very probable in 5 marks]	Schaum Series - Mathematical Economics
3	Sets	Not required separately	
4	Matrices and their application in economics	Practice solving inverse of matrices (required in input-output model), for calculating eigen values in Principal Component Analysis.	
2	Optimisation techniques	Lagrange functions (both max and min) , SIMPLEX method in LPP	Google
5	Linear algebra and Linear programming in economics	One question of Linear Prog is surely going to come, practice forming equations with lengthy statements and practice on graph paper . Corner solutions	HL Ahuja for Micro + google for long questions
6	Input-output model of Leontief.	Study assumptions of Leontief, open-closed model, 2nd link provided is sufficient to cover	https://math.libretexts.org/Bookshelves/Applied_Mathematics/Applied_Finite_Mathematics_(Sekhon_and_Bloom)/02%3A_Matrices/2.06%3A_Applications__Leontief_Models http://www.spcmc.ac.in/wp-content/uploads/2019/09/Input-Output-Models.pdf