



Aggarwal College Ballabgarh

LESSON PLAN
18 WEEKS (JULY-NOV)-2024

Name of Faculty: Dr. Priya Arora
Designation/ Department: Asstt. Prof. , Department of Mathematics

CLASS: B.Com		SEMESTER: Ist	SECTION:
SUBJECT: Minor :Basic Mathematics			
WEEK	DATE	TOPIC TO BE COVERED	
1	1-08-2024	Differentiation and its properties	
	2-08-2024	Numerical related to addition rule of differentiation	
	3-08-2024	Product rule and its numerical	
	4-08-2024	S. U. N. D. A. Y.	
	5-08-2024	No Lecture	
	6-08-2024	No lecture	
	7-08-2024	H.O.L.I. D. A. Y.	
2	8-08-2024	Quotient Rule	
	9-08-2024	Logarithmic and exponentiation questions	
	10-08-2024	Parametric form numerical questions	
	11-08-2024	S. U. N. D. A. Y.	
	12-08-2024	No lecture	
	13-08-2024	No lecture	
	14-08-2024	Partial differentiation and Homogeneity of functions	
3	15-08-2024	H.O.L.I. D. A. Y.	
	16-08-2024	Euler's Theorem and questions	

	17-08-2024	Total differentials
	18-08-2024	S. U. N. D. A. Y.
	19-08-2024	H.O.L.I. D. A. Y.
	20-08-2024	No lecture
	21-08-2024	Differentiation of implicit functions
4	22-08-2024	Maxima & Minima: First Derivative Test
	23-08-2024	Maxima & Minima: Second Derivative Test
	24-08-2024	Maxima & Minima questions
	25-08-2024	S. U. N. D. A. Y.
	26-08-2024	HOLIDAY
	27-08-2024	No lecture
	28-08-2024	Maxima & Minima questions contd.
5	29-08-2024	Integration as anti derivative process, Standard forms
	30-08-2024	Integration by substitution
	31-08-2024	Integration by parts
	1-09-2024	S. U. N. D. A. Y.
	2-09-2024	No lecture
	3-09-2024	No lecture
	4-09-2024	Integration by use of partial fractions
6	5-09-2024	Definite Integration
	6-09-2024	Area finding using integration
	7-09-2024	Consumers and Producers Surplus questions
	8-09-2024	S. U. N. D. A. Y.

	9-09-2024	No lecture
	10-09-2024	No lecture
	11-09-2024	Commodities Learning Curve
7	12-09-2024	Leontiff Input Output Model
	13-09-2024	Matrices: Definition and Types
	14-09-2024	Addition and Subtraction of matrices
	15-09-2024	S. U. N. D. A. Y.
	16-09-2024	No lecture
	17-09-2024	No lecture
	18-09-2024	Class Test -1
8	19-09-2024	Multiplication of matrices
	20-09-2024	Matrices questions
	21-09-2024	Matrices questions Contd.
	22-09-2024	S. U. N. D. A. Y.
	23-09-2024	H.O.L.I. D. A. Y.
	24-09-2024	No lecture
	25-09-2024	Determinants of matrices
9	26-09-2024	Determinant calculation upto third order
	27-09-2024	Properties of Determinants
	28-09-2024	Determinant question using Properties of Determinants
	29-09-2024	S. U. N. D. A. Y.
	30-09-2024	Determinant question using Properties of Determinants
	1-10-2024	No lecture

	2-10-2024	HOLIDAY
10	3-10-2024	Adjoint of a matrix
	4-10-2024	HOLIDAY
	5-10-2024	Inverse of matrix
	6-10-2024	S. U. N. D. A. Y.
	7-10-2024	No lecture
	8-10-2024	No lecture
	9-10-2024	Elementary row and column operations
11	10-10-2024	Elementary row and column operations contd.
	11-10-2024	Miscellaneous questions related to matrices
	12-10-2024	HOLIDAY
	13-10-2024	S. U. N. D. A. Y.
	14-10-2024	No lecture
	15-10-2024	No lecture
	16-10-2024	System of linear equations Introduction
12	17-10-2024	HOLIDAY
	18-10-2024	Solution of system of linear equation using inverse of matrix
	19-10-2024	Solution of system of linear equation using inverse of matrix contd.
	20-10-2024	S. U. N. D. A. Y.
	21-10-2024	No lecture
	22-10-2024	No lecture
	23-10-2024	Cramer's Rule
13	24-10-2024	Cramer's Rule Numericals
	25-10-2024	Cramer's Rule Numericals

	26-10-2024	Application Problems of System of linear equations
	27-10-2024	S. U. N. D. A. Y.
	28-10-2024	DIWALI BREAK
	29-10-2024	DIWALI BREAK
	30-10-2024	DIWALI BREAK
14	31-10-2024	DIWALI BREAK
	1-11-2024	DIWALI BREAK
	2-11-2024	DIWALI BREAK
	3-11-2024	S. U. N. D. A. Y.
	4-11-2024	No lecture
	5-11-2024	No lecture
	6-11-2024	Class Test 2
15	7-11-2024	Application Problems of System of linear equations contd.
	8-11-2024	Miscellaneous problems related to System of linear equations
	9-11-2024	Problems and Discussions
	10-11-2024	ZONAL YOUTH FESTIVAL
	11-11-2024	ZONAL YOUTH FESTIVAL
	12-11-2024	ZONAL YOUTH FESTIVAL
	13-11-2024	Problems and Discussions
16	14-11-2024	Important Questions related to matrices
	15-11-2024	H.O.L.I.D.A.Y.
	16-11-2024	Important Questions related to matrices
	17-11-2024	S. U. N. D. A. Y.
	18-11-2024	No lecture

	19-11-2024	No lecture
	20-11-2024	Differentiation Problems and discussions
17	21-11-2024	Differentiation Problems and discussions contd.
	22-11-2024	Important questions of Differentiation
	23-11-2024	Integration Problems and discussions
	24-11-2024	S. U. N. D. A. Y.
	25-11-2024	No lecture
	26-11-2024	No lecture
	27-11-2024	Important questions of Integration
18	28-11-2024	Revision
	29-11-2024	Revision
	30-11-2024	Revision
	1-12-2024	S. U. N. D. A. Y.
	2-12-2024	No lecture
	3-12-2024	No lecture
	4-12-2024	Revision
	5-12-2024	Revision

Signature