DAV CENTENARY COLLEGE FARIDABAD

Summary of Lesson Plans of College Faculty

Name of Asst/Associate Professor : MS. KIRAN KALIA

Class & Section: BBA GEN- Ist Sem

Subject: BUSINESS MATHEMATICS

Academic Session 2023-2024 Odd Sem

	Date	Topics to be covered
Week 1	**21/07/2023**	**Introduction of Set & their methods of representation**
	22/07/2023	**Types of set & their definitions**
	23/07/2023	**Sunday**
	24/07/2023	Examples & Exercise related to representation method & types of set
	25/07/2023	Set Operations & their definitions(Union, Intersection, Universal etc.
	26/07/2023	Examples & Exercise related to set operations
	27/07/2023	Venn Diagrams & their Illustrations
	28/07/2023	**Applications of Set theory**
	29/07/2023	Cartesian Product & its examples
WEEK 2	**30/07/2023**	**Sunday**
	31/07/2023	Practise of Previous year Qus. of Set theory & given Assignment
	08-01-2023	Introduction of Indices & their law(Product, Quotient, Power, Base ch
	08-02-2023	Examples & Exercise related to their law
	08-03-2023	Definition of logarithm & their formulas
	08-04-2023	Examples & Exercise related to lograthim formula
	08-05-2023	How to use log table & Antilog
WEEK 3	**08-06-2023**	**Sunday**
	08-07-2023	Previous Year Qus & given Assignment
	08-08-2023	Sequence, Series, Progression & Definition of A.P & its formula to fin
	08-09-2023	Exercise & Examples of A.P
	08-10-2023	Formula to find Sum of first n terms & its applications
	08-11-2023	Airthmetic Means & Practical Problems
	08-12-2023	**Definition of G.P & its formula to solve practical problems**
WEEK 4	**13/8/2023**	**Sunday**
	14/8/2023	Sum of first n terms of a G.P & its practical problems
	15/8/2023	**Independence day**
	16/8/2023	**Sum to infinity of a G.P & its practical problems**
	17/8/2023	Geometric Means & its practical problems
	18/8/2023	Practise of Previous year qus. & given Assignment
	19/8/2023	Test of Unit -I(Set Theory)
	20/8/2023	**Sunday**

WEEK 5	**21/08/2023**	Definition of Permutation & FPC & Practical Problems related to FPC
	22/08/2023	Meaning of n! & Practical Problems involving Permutation
	23/08/2023	Permutation of things not all different practical problems
	24/08/2023	Circular Permutation
	25/08/2023	Permutations with repetitions
	26/08/2023	Revision class related to Permutation Chapter
	27/08/2023	**Sunday**
WEEK 6	**28/08/2023**	Definition of Combinations & Practical Problems involving Combinatio
	29/08/2023	Division into Groups
	30/08/2023	**Rakhi**
	31/08/2023	Revision class of Combination
WEEK 7	**09-01-2023**	Previous year qus & given Assignment of Permutation & Combination
	09-02-2023	Test of Indices
	09-03-2023	**Sunday**
	09-04-2023	Introduction of PMI & practical problems
	09-05-2023	Proof of Binomial Theorem for Positive Integral Index using PMI
	09-06-2023	**Jananashtmi**
	09-07-2023	Methods of writing expansion (a+n)^n
	09-08-2023	Applications of Binomial Theorem
	09-09-2023	Revision class & discussion of previous year qus
	09-10-2023	**Sunday**
	09-11-2023	Assignment of Binomial Theorem
	09-12-2023	**Test of logrithm & Antilog**
WEEK 8	**13/9/2023**	**Introduction of Matrices & Construction of Matrix table**
	14/9/2023	**Types of Matrices & their definitions with example**
	15/9/2023	**Addition of two or more matrices & practical problems of exc.**
	16/9/2023	**Subtraction of two or more matrices & its practical problems of EX.**
	17/9/2023	**Sunday**
WEEK 9	**18/9/2023**	**Multiplication of 2×2 marix table & its practical problems**
	19/9/2023	Multiplication of 2×3, 3×3 matrix table
	20/9/2023	Compliment of Matrix table
	21/9/2023	Introduction of Determinant & Minors & Co- factors of Matrix table
	22/9/2023	Practical Problems of Minors & Co-factors
	23/9/2023	**Saheedi Diwas (Haryana Heros Martyrdom Day)**
	24/9/2023	**Sunday**
WEEK 10	**25/9/2023**	Inverse of Matrix
	26/9/2023	Practical Problems of Inverse Matrix
	27/9/2023	Cramer's Rule
	28/9/2023	Practical Problems of Cramer's Rule
	29/9/2023	**Matrix Equation Method**
	30/09/2023	Practical Problems of Equation Method
	10-01-2023	**Sunday**

	10-02-2023	**Gandhi Jayanti**
	10-03-2023	Revision test of multiplication of matrices
WEEK 11	10-04-2023	Revision class of Matrix
	10-05-2023	**Previous year qus & given Assignment**
	06.10.2023	Introduction of differentiation & its formulas
	07.10.2023	Product Rule & its practical problems
	08.10.2023	**Sunday**
	09.10.2023	**Quotient Rule & its practical problems**
	10.10.2023	Substitution method & its practical problems
WEEK 12	11.10.2023	Derivatives of composite functions & its practical problems
	12.10.2023	Chain rule & its practical problems
	13.10.2023	**Derivatives of Implicit functions & its practical problems**
	14.10.2023	Derivatives of Inverse trigonometric functions & its practical problem
	15.10.2023	**Sunday**
	16.10.2023	**Lograthmic Differentiation & its practical problems**
	17.10.2023	Derivatives of Functions in Parametric Forms & its practical prob.
WEEK 13	18.10.2023	Second Order Derivatives & its practical problems
	19.10.2023	Revision class of Differentiation
	20.10.2023	Previous year qus & given Assignment
	21.10.2023	Test of Inverse Matrix, Cramer's Rule & Martix Method
	22.10.2023	**Sunday**
	23.10.2023	Introduction of Integration & its formulas
	24.10.2023	**Dusshera**
WEEK 14	25.10.2023	Methods of Integration & its practical problems
	26.10.2023	**Integrals of some particular functions**
	27.10.2023	Integration by Parts & its practical problems
	28.10.2023	Definite Integrals & its practical problems
	29.10.2023	**Sunday**
	30.10.2023	**Applications of Integrals**
	31.10.2023	Revision class of Integration
WEEK 15	01.11.2023	**Haryana Day**
	02.11.2023	Previous year qus & given Assignment
	03.11.2023	Test of Differentiation & Integration
	04.11.2023	REVISION
	05.11.2023	**Sunday**
	06.11.2023	SAMPLE QUS PAPER-1 REVISION
	07.11.2023	SAMPLE QUS PAPER-2 REVISION
WEEK 16	08.11.2023	SAMPLE QUS PAPER-3 REVISION
	09.11.2023	SAMPLE QUS PAPER-4 REVISION
	10.11.2023	**Diwali Break**
	11.11.2023	**Diwali Break**
	12.11.2023	**Diwali Break**
	13.11.2023	**Diwali Break**
	14.11.2023	**Diwali Break**
WEEK 17	15.11.2023	**Diwali Break**

WEEK 18	16.11.2023	Diwali Break		
	17.11.2023	REVISION UNIT 1		
	18.11.2023	REVISION UNIT 2		
	19.11.2023	Sunday		
	20.11.2023	REVISION UNIT 3		
	21.11.2023	REVISION UNIT 3		
	22.11.2023	REVISION UNIT 4		
	23.11.2023	REVISION UNIT 4		
	24.11.2023	REVISION UNIT 4		
	25.11.2023	Examinations		