

**I.B. (PG) COLLEGE, PANIPAT****LESSON PLAN****SESSION 2024-25 (01.08.2024 to 22.11.2024)****Weekly Lesson Plan (Odd Semester) ester)****Name of the Paper:- Business Mathematics****Class: B.Com 1A****Name of the Teachers (Section Wise) : Sangeeta**

UG (I Sem)		
WEEK	DATE	TOPICS
1	August ( 1-3)	
<b>SUNDAY - 04.08.2024</b>		
2	August (5-10)	Representation of Sets
		Equivalent Sets, Power Set
		<b>07.08.2024 - TEEJ</b>
<b>SUNDAY - 11.08.2024</b>		
3	August (12-17)	Complement of a Set
		Venn Diagrams: Union and Intersection of Sets
		Questions
		<b>15.08.2024 - INDEPENDENCE DAY</b>
<b>SUNDAY - 18.08.2024</b>		
4	August (19-24)	<b>19.08.2024 - RAKSHABANDHAN</b>
		De-Morgan's Laws
		Logical Statements
<b>SUNDAY - 25.08.2024</b>		
5	August (26-31)	<b>26.08.2024 - JANAMASHTMI</b>
		Logical Connectives
		Truth Tables
<b>SUNDAY - 01.09.2024</b>		

6	September (2-7)	Implications, Conditional and Biconditional Statements
		Examples and Questions
		Logarithms: Laws of operation
<b>SUNDAY - 08.09.2024</b>		
7	September (9-14)	Log Tables
		Questions
		Arithmetic Progression and Related Questions
<b>SUNDAY - 15.09.2024</b>		
8	September (16-21)	Geometric Progression
		Examples and Questions
		Application of A.P. and G.P. to Business Problems
<b>SUNDAY - 22.09.2024</b>		
<b>HOLIDAY 23.09.2024 - SHAHEEDI DIVAS/HARYANA WAR HEROES' MARTYRDOM DAY</b>		
9	September (24-28)	Definition, Order and Equality of Matrices
		Types of Matrices
<b>SUNDAY - 29.09.2024</b>		
10	September (30) October (1, 4-5)	Operations on matrices and their simple properties
		Examples and Questions
		<b>02.10.2024 - MAHATMA GANDHI JAYANTI</b>
		<b>03.10.2024 - (MAHARAJA AGRASEN JAYANTI)</b>
<b>SUNDAY - 06.10.2024</b>		

11	October (7-11)	Determinant of a Square Matrix (upto 3 x 3 order)
		Properties of Determinants
		Questions
<b>HOLIDAY 12.10.2024 - (DUSSEHRA)</b>		
<b>SUNDAY - 13.10.2024</b>		
12	October (14-19)	Minors, Co-factors
		Applications of Determinants in Finding the Area of Triangle
		Adjoint of a Square Matrix and Related Questions
		<b>17.10.2024 - MAHARISHI VALMIKI JAYANTI/MAHARAJA AJMIDH</b>
<b>SUNDAY - 20.10.2024</b>		
13	October (21-26)	Inverse of a Square Matrix
		Questions
		Solutions of a System of Linear Equations by Examples
<b>DIWALI BREAK - 27.10.2024 - 03.11.2024</b>		
14	November (4-9)	Simple and Compound Interest
		Different Types of interest rates
		Types of Annuities
<b>SUNDAY - 10.11.2024</b>		
15	November (11-16)	Present Value and Amount of an Annuity
		Valuation of Simple Loans and Debentures
		Questions
		<b>15.11.2024 - GURU NANAK DEV JAYANTI</b>
<b>SUNDAY - 17.11.2024</b>		
16	November (18-22)	Problems Related to Sinking Funds
		Revision
		Revision
<b>23.11.2024 - Examinations</b>		