LESSON PLAN

SESSION 2022-23 (01.02.2023 to 16.05.2023)

Weekly Lesson Plan Even Semester)

UG (II - Semester)

Name of the Paper: Microbiology

Class: BSc Ist

Name of the Teachers (Section Wise) : Anjushree

WEEK	DATE	TOPICS	
		Introduction and scope of Microbiology	
	February	Definition and history of microbiology:contribution of Antony	
1	(1-4)	leeuwenhock,Louis Pasteur, Robert Koch.	
	(/		
		Definition and history of microbiology:contribution of Antony	
		leeuwenhock,Louis Pasteur, Robert Koch	
	SUN	DAX - 05 02 2023 Holiday (Guru Bavidass Javanti)	
	5014	Types of microscope: Compound Dark field and phase contrast microscope	
		Types of meroscope. Compound, Dark new and phase contrast meroscope.	
	February		
2	(6 11)		
	(0-11)	Turnes of microscopes Elucroscopes and electron microscope	
		Types of microscope: Fluorecence and electron microscope	
		SUNDAY - 12 02 2022	
		Microbial techniques: Sterlization: Principles and applications Physical	
		methods	
3	February		
5	(13-17)	Microbial techniques: Chemical methods: Alcohols Aldehydes phenols	
		Halogens and gaseous agents	
		Microbial techniques: Radiation Methods: UV rays and gamma rays	
		HOLIDAY - 18.02.2023 (Maha Shivratri)	
		SUNDAY - 19.02.2023	
		Stains and staining techniques: Prnciples of staining.	
-	February		
4	(20-25)		
	(<i>)</i>	Types of stains: Simple stains, structural and Differential stains.	
		Microbial taxonomy: Concept and classification.	
		SUNDAY - 26.02.2023	
		General account Bacteria: characterstics of Bacteria Forms of Bacteria	
	February		
	, (27-28)		
5	March		
	(1-4)	Gram positive and gram negative Bacteria	
	()	Cell structure: Ultra structure of bacterial cell including endospore and capsule	
		SUNDAY - 05.03.2023	
Holi Vacations - 05.03.2023 to 12.03.2023			
		Reproduction in Bacteria: Asexual reproduction, endospore formation.	
_	March		
/	(13-18)		
	-	Assignment	
		General account Viruses : History, structure and classification	
	SUNDAY - 19 03 2023		

		General account Viruses : History, structure and classification	
8	March		
	(20-25)		
	(== ==)		
	<u> </u>	Structure of Plant virus: :CaMV	
		SUNDAY - 26.03.2023	
		Structure of Animal virus and Bacterial virus : Henatitis B I amda phage	
	March	Structure of Annual virus and Bacterial virus : Reparties B, Banda pilage	
9	(27-31)		
	April		
	(1)	Pathogenic Microorganisms : Viral Diseases : AIDS (HIV)	
	-	HOLIDAY - 30.03.2023 (Ram Navmi)	
	1	SUNDAY - 02.04.2023	
		Microbial growth and metabolism: Basic requirements of a microbial culture	
	A	medium	
9	Aprii (2.8)		
	(3-8)	Pattern of microhial growth equipments for microhial growth	
		Types of microbial culture procedures and measurements of microbial growth	
	<u> </u>	HOLIDAY - 04.04.2023 (Mahavir Jayanti)	
		SUNDAY - 09.04.2023	
		Types of microbial culture procedures and measurements of microbial growth	
	Δnril		
10	(10-15)		
	(10 15)		
		Types of microbial culture procedures and measurements of microbial growth	
		SUNDAY - 16.04.2023	
	HU	JLIDAY - 14.04.2023 (DR.B.R.AMDEdkar Jayanti)	
11	April		
	(17-21)		
	•	SUNDAY - 23.04.2023	
	H	oliday Id-Ul-Fitr/Parshuram Jayanti (Saturaday)	
		Microbial metabolism	
12	(24-29)		
		A Marca bial and a bian	
		Microbial metabolism Photosynthetic apparatus in Prokaryotes	
	<u> </u>	SUNDAY - 30.04.2023	
		Origin of photosynthetic apparatus: Autotrophs, Photoautotrophs, oxygenic	
		photophosphorylation	
13	May		
	(1-6)		
		Origin of photosynthetic apparatus: Autotrophs, Photoautotrophs, oxygenic	
		Anoxygenic photophosphorylation	
	<u> </u>	SUNDAY - 07.05.2023	
		Dark phase (Calvin Cycle)	
14	May		
14	(8-13)		
		Dark phase (Calvin Cycle)	
		Test	
	SUNDAY - 14.05.2023		
14	(15-16)		
	(13-10)	Examination 17.05.2023 Onwards.	

LESSON PLAN

SESSION 2022-23 (01.02.2023 to 16.05.2023)

Weekly Lesson Plan Even Semester)

UG (II - Semester)

Name of the Paper:- Paper-II (Life and Diversity from Mollusca to Hemichordata & Genetics -II) Class: Bsc-I

Name of the Teachers (Section Wise) : Bhawna Malik

WEEK	DATE	TOPICS
1	February	Mollusca: General characters
	(1-4)	Mollusca: Classification examples
		Mollusca: Biodiversity and economic importance
	I.	SUNDAY - 05.02.2023 Holiday (Guru Ravidass Jayanti)
	February	
2	(6-11)	Mollusca: Pila Introduction Morphology
	(,	Structure of Shell Body Mantle
		Mantle Pallial complex, locomotion Integriment
		SUNDAY - 12 02 2023
		50NDAT - 12.02.2025
2	February	
5	(13-17)	Disection Sector
		Digestive System
		Kespiratory System
		HULIDAY - 18.02.2023 (Mana Shivratri)
		SUNDAY - 19.02.2023
4	February	
	(20-25)	Mollusca Blood Vascular System
		Excetory System, Nervous System
		Mollusca: Respiration and Foot
	[SUNDAY - 26.02.2023
	February	
5	(27-28)	
_	March	Mollusca : Sense Organs
	(1-4)	Reproductive System
		Mollusca: Torsion Detorsion
		SUNDAY - 05.03.2023
	Γ	Holi Vacations - 05.03.2023 to 12.03.2023
7	March	
-	(13-18)	Genetics:Inborn Errors of Metabolism
		Human genetics
		Human genetics
		SUNDAY - 19.03.2023
	March	
8	(20.25)	
	(20-23)	Gene Mutations Mutations I
		Test

		SUNDAY - 26.03.2023
	HOLI	DAY 23.03.2023 Shaheedi Diwas
	March	
9	(27-31)	
	April	Echinodermata General characters classification
	(1)	Echinodermata Star fish External Characters
		HOLIDAY - 30.03.2023 (Ram Navmi)
		SUNDAY - 02.04.2023
	1	
٩	April	Eskingdomete Dede Well. Endeskelsten oselen:
5	(3-8)	Echinodermata Body Wall, Endoskeleton ,coelom
		Echnodermata Digestive System
		Echinodermata waer Vascular System
		HOLIDAY - 04.04.2023 (Ivianavir Jayanti)
	1	SUNDAY - 09.04.2023
	April	
10	(10-15)	
	(10 15)	Echinodermata Circulatory System
		Echinodermata Respiratory and Excretory System
		SUNDAY - 16.04.2023
		HOLIDAY - 14.04.2023 (DR.B.R.Ambedkar Jayanti)
11	April	
	(17-21)	Echinodermata Nervous system Sense Organs
		Echinodermata Netvous system bense organs
		SUNDAY 22 01 2022
		Holiday Id-I II-Eitr/Darshuram Jayanti (Saturaday)
	Т	Tonuay in-or-rity raisina an Jayanti (Saturaday)
	Anril	
12	April (24.20)	
	(24-29)	Echinodermata Larvae
		Conditional Test
		Mutations II Chromosomal Abberations
	I	SUNDAY - 30.04.2023
13	May	
	(1-6)	Mutations III Numerical Chromosomal Abberations
		Nature and Structure of Genetic Material
		Functions of Genetic Material
		SUNDAY - 07.05.2023
	May	
14	(8-13)	Hemichordata
	(0 20)	Fugenics euthenics Fundenics
		Revision
	1	SUNDAY - 14.05.2023
	May	
14	(15-16)	
	(13-10)	Examination 17 05 2022 Onwards
		Examination 17.05.2025 Onwards.

LESSON PLAN

SESSION 2022-23 (01.02.2023 to 16.05.2023)

Weekly Lesson Plan Even Semester)

UG (II - Semester)

Name of the Paper:- Paper-II (Biochemistry II)

Class: BSc I Sem 2

Name of the Teachers (Section Wise) : Bhawna Malik

WEEK	DATE	TOPICS	
		Enzymes: Introduction, active site , energy of activation, transition state hypothesis.	
	February		
1	(1-4)		
	()		
		SUNDAY - 05.02.2023 Holiday (Guru Ravidass Jayanti)	
		Enzymes: Introduction, active site , energy of activation, transition state hypothesis.	
		Enzymes: lock and Key hypothesis Induced fit hypothesis, KM, V max, MM equation.	
	February	Enzymes: lock and Key hypothesis Induced fit hypothesis, KM, V max, MM equation.	
2	(6-11)		
	(/		
		SUNDAY - 12.02.2023	
		Enzymes: lock and Key hypothesis Induced fit hypothesis, KM, V max, MM equation.	
	F - 1	Lineweaver Burk Plot/Double reciprocal plot.	
3	February	Enzymes: effect of pH, temperature on enzyme activity introduction.	
	(13-17)		
	•	HOLIDAY - 18.02.2023 (Maha Shivratri)	
		SUNDAY - 19.02.2023	
		Allosteric enzymes (A brief account)	
		Enzymes inhibition: Competitive.	
	February	Enzymes inhibition: non competitive	
4	(20-25)		
	1	SUNDAY - 26.02.2023	
		Enzymes inhibition: un competitive inhibition	
	February	Vitamins : Introduction Fat soluble vitamins	
5	(27-28)	Vitamins: Types and structure of water soluble vitamins and their coenzyme derivatives	
5	March		
	(1-4)		
		SUNDAY - 05.03.2023	
		Holi Vacations - 05.03.2023 to 12.03.2023	
		Vitamins: Deficiency symptoms and dietary sources	
7		Steroid Hormones: structure and importance	
	March	Steroid Hormones: structure and importance	
-	(13-18)		
SUNDAY - 19.03.2023			

	March	Metabolism: General introduction, catabolism and anabolism
8		Metabolism: General introduction, catabolism and anabolism
		Metabolism: General introduction, catabolism and anabolism
	(20-25)	
		SUNDAY - 26.03.2023
	HOLI	DAY 23.03.2023 Shaheedi Diwas
	March	Peptide hormones : structure and importance of important peptide hormones
	(27-31)	Peptide hormones : structure and importance of important peptide hormones
9	April	Carbohydrates metabolism:Glycolysis
	(1)	
	.,	HOUDAY 20.02.2022 (Pam Naumi)
		JUNDAT - 02:04:2025
		Carbohydrates metabolism : Tricarboxylic acid cycle Lipid metabolism: β- oxidation of fatty acids
	April	Assignments
9	(3-8)	
	(0.0)	
		HOLIDAY - 04.04.2023 (Mahavir Jayanti)
		SUNDAY - 09.04.2023
		Carbohydrates metabolism :Tricarboxylic acid cycle contd
	April	Lipid Metabolism: β-oxidation of fatty acids.
10	(10-15)	Lipid Metabolism: β-oxidation of fatty acids.
	(
		SUNDAY - 16.04.2023
		HOLIDAY - 14.04.2023 (DR.B.R.AMbedkar Jayanti)
		Synthesis of Fatty acids.
11	April	Amino acid Metabolism: Transamination
	(17-21)	
		SUNDAY - 23.04.2023
		Holiday Id-Ul-Fitr/Parshuram Jayanti (Saturaday)
		Urea cycle
		Urea cycle
12	April	Urea cycle
	(24-29)	
		Different classes of oxidation and synthesis of amino acids
		Different classes of oxidation and synthesis of amino acids.
	May	Different classes of oxidation and synthesis of amino acids.
13	(1-6)	
	. ,	
		SUNDAY - 07.05.2023
		Glycogenic and ketogenic amino acids
		Glycogenic and ketogenic amino acids
14	May	Glycogenic and ketogenic amino acids
	(8-13)	
	l	
	Mart	SUNDAT - 14.05.2025 Revision
14	(15 16)	Class test
	(12-10)	Examination 17.05.2023 Onwards.

LESSON PLAN

SESSION 2022-23 (01.02.2023 to 16.05.2023)

Weekly Lesson Plan Even Semester)

UG (II - Semester)

Name of the Paper:- Logical Organization of Computers Class: B.Sc. (cs)

Name of the Teachers (Section Wise) : Deepty Juneja

WEEK	DATE	TOPICS
		Information Representation: Number Systems
	February	
1	(1-4)	
	SUNDA	Y - 05.02.2023 Holiday (Guru Ravidass Jayanti)
		Information Representation: Number Systems
		Binary Arithmetic
2	February	Fixed-point and Floating point representation of numbers
2	(6-11)	
		SUNDAY - 12.02.2023
		BCD Codes, Error detecting and correcting codes
	February	Error detecting and correcting codes
3	(13-17)	Character Representation – ASCII, EBCDIC
	(/	
		HOLIDAY - 18.02.2023 (Maha Shivratri)
		SUNDAY - 19.02.2023
		Binary Logic: Boolean Algebra,
	F . b	Boolean Algebra,
4	February	Boolean Theorems
	(20-25)	
		SUNDAY - 26.02.2023
		Boolean Theorems
	February	Boolean Functions and Truth Tables
	(27-28)	Canonical and Standard forms of Boolean functions
5	March	
	(1-4)	
	()	
		SUNDAY - 05.03.2023
	н	oli Vacations - 05.03.2023 to 12.03.2023
		Canonical and Standard forms of Boolean functions
		Venn Diagram,
-	March	Karnaugh Maps.
/	(13-18)	
SUNDAY - 19.03.2023		

8	March	Karnaugh Maps.	
		Karnaugh Maps.	
		Assignment I	
	(20-25)		
		SUNDAY - 26.03.2023	
	HOLII	DAY 23.03.2023 Shaheedi Diwas	
		Digital Logic: Basic Gates – AND, OR, NOT	
	March	Universal Gates – NAND, NOR	
9	(27-31)	XOR. XNOR	
	April		
	(1)		
	Į	HOLIDAY - 30.03 2023 (Ram Navmi)	
		SUNDAY - 02 04 2023	
		Combinational Circuits: Half-Adder Full-Adder	
		Half Subtractor, Full Subtractor	
•	April		
9	(3-8)		
		SUNDAY - 09.04.2023	
		Multiplexers, Demultiplexers	
	April	Comparators, Code Converters.	
10	(10-15)	Encoders, Decoders	
	. ,		
		_	
SUNDAY - 16.04.2023			
	HOLI	DAY - 14.04.2023 (DR.B.R.Ambedkar Jayanti)	
		Conditional Test	
	Anril	Sequential Logic: Characteristics, Flip-Flops,	
11	(17-21)	Clocked RS, D type	
		SUNDAY - 23.04.2023	
	Holi	day Id-Ul-Fitr/Parshuram Jayanti (Saturaday)	
		JK, T type	
	April	Master-Slave flip-flops. State table	
12		state diagram. Flip-flop excitation tables	
12	(24-29)		
		SUNDAY - 30.04.2023	
		Assignment II	
		Shift registers : serial in parallel out and parallel in parallel out	
12	Мау	Designing counters – Asynchronous and Synchronous	
15	(1-6)		
		SUNDAY - 07.05.2023	
		Binary Counters, Modulo-N Counters	
		Modulo-N Counters	
4.4	May	Modulo-N Counters	
14	(8-13)		
		SUNDAY - 14.05.2023	
	Mav	Up-Down Counters	
14	(15-16)		
	,	Examination 17.05.2023 Onwards.	

LESSON PLAN

SESSION 2022-23 (01.02.2023 to 16.05.2023)

Weekly Lesson Plan Even Semester)

UG (II - Semester)

Name of the Paper:-Object Oriented Programming with C++ Class: BSc.II (CSC)

Name of the Teachers (Section Wise) : Prof.Vinay Bharti

WEEK	DATE	TOPICS
1	February	
1	(1-4)	
	SUN	DAY - 05.02.2023 Holiday (Guru Ravidass Jayanti)
		Object-Oriented programming features and benefits.
2	February	Object-Oriented features of C++
-	(6-11)	
	T	SUNDAY - 12.02.2023
		Class and Objects, Data Hiding & Encapsulation,
	Echruory	Structures, Data members and Member functions
3	(12 17)	Scope resolution operator and its significanc
	(13-17)	Static Data Members. Static member functions
		HOLIDAY - 18.02.2023 (Maha Shivratri)
		SUNDAY - 19.02.2023
	February	Nected and Local Class. Accessing Members of Class and Structure
4	(20-25)	Nested and Elocal Class, Accessing Memoers of Class and Structure.
	(20 20)	
		SUNDAY - 26.02.2023
	February	Povicion of first unit
	(27-28)	
5	March	Constructor Initialization using constructor types of
	(1-4)	constructor - Default Parameterized & Conv
	()	Constructors Constructor overloading
		SUNDAY - 05.03.2023
Holi Vacations - 05.03.2023 to 12.03.2023		
		Default Values to Parameters, Destructors,
-	March	
/	(13-18)	Revision
		SUNDAY - 19.03.2023

	March	I/O: Hierarchy of Console Stream Classes,
8		Unformatted and Formatted I/O Operations
	(20-25)	
		SUNDAY - 26.03.2023
		HOLIDAY 23.03.2023 Shaheedi Diwas
	March	
	(27-31)	Conditional Test
9	April	Manipulators, Friend Function, Friend Class, Arrays,
	(1)	Array of Objects, Passing and Returning Objects to
		HOLIDAY - 30 03 2023 (Ram Navmi)
		SUNDAY - 02.04.2023
	A	Assignment I
9	April	String Handling in C++
	(3-8)	Revision
		HOLIDAY - 04.04.2023 (Mahavir Jayanti)
	1	SUNDAY - 09.04.2023
10	April	Dynamic Memory Management: Pointers, new,
10	(10-15)	and delete Operator, Array of Pointers to
		Objects, this Pointer
		SUNDAY - 16 04 2023
	но	DIDAY - 14 04 2023 (DB B B Ambedkar Javanti)
	A	Passing Parameters to Functions by Reference &
11	Aprii (17.21)	pointers.
	(17-21)	
		SUNDAY - 23.04.2023
	Ho	bliday Id-UI-Fitr/Parshuram Jayanti (Saturaday)
	April (24-29)	Assignment II
12		Static Polymorphism: Operators in C++ Precedence and Associativity Rules
	(= : = 3)	
		SUNDAY - 30.04.2023
		Operator Overloading, Unary & Binary
13	May	Operators Overloading, Function Overloading
	(1-6)	
		SUNDAY - 07 05 2023
		50NDA1 - 07.05.2025
		Inline Functions Merits/Demerits of
	May	Static Polymorphism.
14	(8-13)	
	1	SUNDAY - 14.05.2023
14	May	
	(15-16)	Revision
		Examination 17.05.2023 Onwards.

LESSON PLAN

SESSION 2022-23 (01.02.2023 to 16.05.2023)

Weekly Lesson Plan Even Semester)

UG (II - Semester)

Name of the Paper:- Programming in C

Class: B.Sc.(cs)

Name of the Teachers (Section Wise) : Deepty Juneja

WEEK	DATE	TOPICS
1	February	Overview of C. History & Importance of C
	(1-4)	Structure of a C Program
	()	Elements of C: C character set, identifiers and keywords
I		SUNDAY - 05 02 2023 Holiday (Guru Bavidass Javanti)
	February	
2	(6-11)	Data types
	(0 11)	Variables Assignment statement Constants
		Symbolic constant Unformatted I/O function
I		SUNDAY - 12 02 2023
3	February	
-	(13-17)	formatted I/O function
		Input functions: scanf(), getch(), getche(), getchar(), gets()
		HOLIDAY - 18.02.2023 (Maha Shivratri)
		SUNDAY - 19.02.2023
	February	
4	(20-25)	output functions (printf(), putch(), putchar(), puts()).
		Arithmetic, relational, logical operator
		bitwise, unary operator
		SUNDAY - 26.02.2023
	February	
-	(27-28)	
5	March	assignment, conditional operators and special operators
	(1-4)	Arithmetic expressions, evaluation of arithmetic expression,
		Type casting and conversion, operator hierarchy & associativity.
		SUNDAY - 05.03.2023
		Holi Vacations - 05.03.2023 to 12.03.2023
7	March	
	(13-18)	Decision making & branching: Decision making with IF statement, IF-ELSE statement,
		Nested IF statement, ELSE-IF ladder
		switch statement, goto statement
		SUNDAY - 19.03.2023
	March	
8	(20-25)	
	()	For, while, and do-while loop
		jumps in loops, break, continue statement
		SUNDAY - 26.03.2023
	HOLIE	DAY 23.03.2023 Shaheedi Diwas
	March	
~	(27-31)	
Э	April	Assignment I
	(1)	Assignment I
		JUNDAT - UZ.U4.ZUZJ

	April				
9					
	(3-8)	passing parameters, recursion			
	()	Storage classes in C: auto, extern, register			
		Storage classes in C: auto, extern, register			
		HOLIDAY - 04.04.2023 (Manavir Jayanti)			
	[SUNDAT - 09.04.2023			
10	April				
10	(10-15)	Static storage class, their scope, storage, & lifetime			
		Conditional Test			
	<u> </u>				
		HOLIDAY - 14 04 2022 (DB B B Ambedkar Javanti)			
11	April				
	(17-21)	Arrays: Definition types			
		initialization processing an array			
		SUNDAY - 23.04.2023			
		Holiday Id-Ul-Eitr/Parshuram Javanti (Saturaday)			
	April				
12	(24-29)	Implementation of Array			
		Implementation of Array			
		Assignment II			
	SUNDAY - 30.04.2023				
13	May				
10	(1-6)	Structure			
		Structure			
		Union			
-	r	SUNDAY - 07.05.2023			
14	May				
	(8-13)	Union			
		Revision			
		Revision			
		SUNDAY - 14.05.2023			
14					
	(15-16)	Eventing 17 05 2022 On the state			
		Examination 17.05.2023 Onwards.			

LESSON PLAN

SESSION 2022-23 (01.02.2023 to 16.05.2023)

Weekly Lesson Plan Even Semester)

UG (II -Semester)

Name of the Paper:- English

Class:Bsc 2nd sem

Name of the Teachers (Section Wise) : Srishti Sharma

WEEK	VEEK DATE TOPICS		
		Introduction of "Our Civilization"	
1	February	About Author	
	(1-4)	"Our Civilization" Text	
		"Our Civilization" Text	
		SUNDAY - 05.02.2023 Holiday (Guru Ravidass Jayanti)	
		"Our Civilization "Text	
		Revision	
	February	Question/Answer discussion	
2	(6-11)	Question/Answer discussion	
	(/	Revision	
		Test	
		SUNDAY - 12.02.2023	
		Translation practice	
	F . b	Translation practice	
3	February	Translation Practice	
	(13-17)	Introduction of "It's Question Time"	
		About Author	
		HOLIDAY - 18.02.2023 (Maha Shivratri)	
		SUNDAY - 19.02.2023	
		"It's Question Time" Text	
	F . b	"It's Question Time"Text	
4	February	"It's Question Time"Text	
	(20-25)	Revision	
		Question/Answer discussion	
		SUNDAY - 26.02.2023	
		Test	
	February	Precis writing	
-	(27-28)	Precis writing	
5	March	"An Interview with Christiaan Barnard"	
	(1-4)	"An Interview with Christiaan Barnard"	
		"An Interview with Christiaan Barnard"	
		SUNDAY - 05.03.2023	
		Revision	
		Question/Answer discussion	
	March	Question/Answer discussion	
7	(13-18)	Test	
	()	Assignment 1	
		Assignment 1	
		SUNDAY - 19.03.2023	
		"Untouchability and Caste System"	
	March	"Untouchability and Caste System"	
8	(20-25)	"Untouchability and Caste System"	
	(20 20)	Revision	
	нош	DAY 23.03.2023 Shaheedi Diwas	
	March	Letter writing	
9		Letter writing	
	(27-31)	Letter Writing	
	April	Assignment 2	
	(1)	Assignment 2	
		HOLIDAY - 30.03.2023 (Ram Navmi)	
		SUNDAY - 02.04.2023	

9		Introduction of "Inhumanisation of war"				
	A	"Inhumanisation of war"				
	April (2, 2)	"Inhumanisation of war"				
	(3-8)	"Inhumanisation of war"				
		Revision				
		HOLIDAY - 04.04.2023 (Mahavir Jayanti)				
		SUNDAY - 09.04.2023				
		Conditional Test				
	April	Translation practice				
10	(10.15)	Translation Practice				
	(10-15)	Introduction of " Seven types of Gender Inequality "				
		" Seven Types of Gender Inequality "				
		SUNDAY - 16.04.2023				
	•	HOLIDAY - 14.04.2023 (DR.B.R.Ambedkar Jayanti)				
		"Seven Types of Gender Inequality "				
	April	"Seven Types of Gender Inequality "				
11	(17-21)	"Seven Types of Gender Inequality "				
	(17 21)	Question/Answer discussion				
		Question/Answer discussion				
		SUNDAY - 23.04.2023				
		Holiday Id-UI-Fitr/Parshuram Jayanti (Saturaday)				
		Revision				
		lest				
12	April	Letter writing				
	(24-29)					
		lest of letter writing				
	Revision					
		SUNDAY - 30.04.2023				
		Precis practice				
	May					
13	(1 C)	Tect				
	(1-0)	Povision ch 1				
		SUNDAY - 07 05 2023				
		Revision ch 2				
		Revision ch 3				
	May	Revision ch 4				
14	(8-13)	Revision Ch 5				
	(0-13)	Revision Ch 6				
		Important question discussion				
	1	SUNDAY - 14.05.2023				
	May	Important guestion discussion				
14	(15-16)	Test of full Syllabus				
	113-101	Examination 17.05.2023 Onwards.				

LESSON PLAN

SESSION 2022-23 (01.02.2023 to 16.05.2023)

Weekly Lesson Plan Even Semester)

UG (II - Semester)

Name of the Paper:- Number Theory And Trignometry Class: B.Sc.-I

Name of the Teachers (Section Wise) : Dr. Arpana Garg

WEEK	DATE	TOPICS		
		De Moivre's Theorem		
1	February	Its Examples and Problems		
1	(1-4)	Disscusion		
		Roots of a Complex Number		
	SUNDAY - 05	.02.2023 Holiday (Guru Ravidass Jayanti)		
		Theorems Based on Roots of a complex Number		
		Its Examples and Problems		
2	February	Solution Of Equations		
2	(6-11)	Problems		
		Expansion of Trignometric Functions		
		Formation of Equations		
		SUNDAY - 12.02.2023		
		Its Examples and Problems		
	Fobruary	Expansion of Powers of Trignometric Functions		
3	(12 17)	Expansion of Powers of Trignometric Functions		
	(13-17)	Problems and Test of the Chapter		
		Exponential Function of complex Variable		
	HOLII	DAY - 18.02.2023 (Maha Shivratri)		
		SUNDAY - 19.02.2023		
		Problems and discussion		
		Circular Function of a complex variable		
4	February	Hyperbolic function		
-	(20-25)	Problems		
		Seperation of Functions into real and imaginary part		
		Logrithmic Function		
		SUNDAY - 26.02.2023		
		Exponential Function		
	February	Problems		
5	(27-28)	Inverse Trignometry Function		
5	March	examples		
	(1-4)	revision		
		Inverse Hyperbolic Function		
SUNDAY - 05.03.2023				
Holi Vacations - 05.03.2023 to 12.03.2023				
7		Problems		
		Gregory's Series		
	March	problems		
,	(13-18)	examples		
		Summation of series		
		Method of Difference		
SUNDAY - 19.03.2023				

1					
	example				
	C+iS method of Summation				
Narch	Types of C+iS Method Problems				
(20-25)	Problem Discussion				
	Test				
ļ	SUNDAY - 26.03.2023				
HOLID	AY 23.03.2023 Shaheedi Diwas				
	Divisibility				
March	Principle of Mathematical Induction				
(27-31)	Examples				
April	Problems				
(1)	Division Algorithm				
HOL	IDAY - 30.03.2023 (Ram Navmi)				
	SUNDAY - 02.04.2023				
	Examples				
April	Fundamental Theorem of Arithmetic				
(2.8)	Examples				
(3-8)	Congruences				
	Linear Congruence				
HOLID	AY - 04.04.2023 (Mahavir Jayanti)				
1	SUNDAY - 09.04.2023				
	Diophantine Equation				
April	Examples				
(10-15)	Problems				
(10 10)	Problems				
	Fermat Theorem				
	SUNDAY - 16.04.2023				
HOLIDAY -	14.04.2023 (DR.B.R.Ambedkar Jayantı)				
	Examples				
April	Wilsons Theorem				
(17-21)	Brobloms				
	SUNDAY - 23.04.2023				
Holiday Id	-III-Fitr/Parshuram Javanti (Saturadav)				
	Examples				
	Problems				
April	Residue System				
(24-29)	Chinese Remainder Theorem				
. ,	Examples				
	Quadratic Residue				
	SUNDAY - 30.04.2023				
	Theorems Based on Roots of a complex Number				
	Examples				
May	Quadratic Reciprocality Law				
(1-6)	Examples				
	Problems				
Some Functions of Number Theory					
SUNDAY - 07.05.2023					
	Greatest Integer Function				
Мау	Arithmetic Functions				
(9.12)	Mobius Eurotion				
(0-13)	Mobius Function				
	Examples				
SUNDAY - 14.05.2023					
1					
May	Test				
May (15-16)	Test Revision				
	March (20-25) HOLID March (27-31) April (1) HOL (1) HOL (3-8) HOLID HOLIDAY - April (10-15) HOLIDAY - April (17-21) Holiday Id (17-21) May (24-29) May (1-6)				

LESSON PLAN

SESSION 2022-23 (01.02.2023 to 16.05.2023)

Weekly Lesson Plan Even Semester)

UG (II - Semester)

Name of the Paper:- Physical Chemistry Class: B.Sc -I

Name of the Teachers (Section Wise) : DR. VIKRAM KUMAR

WEEK	DATE	TOPICS
1	February (1-4)	Kinetics Rate of reaction, rate equation and its types, factors influencing the rate of a reaction – concentration, temperature
	SUNDAY - 05	5.02.2023 Holiday (Guru Ravidass Jayanti)
2	February (6-11)	factors influencing the rate of a reaction – , pressure, solvent, light, catalyst
		SUNDAY - 12.02.2023
3	February (13-17)	Order of a reaction, integrated rate expression for zero order, first order,
	HOLI	DAY - 18.02.2023 (Maha Shivratri)
		SUNDAY - 19.02.2023
4	February (20-25)	second and third order reactions. Half life period of a reaction.
		SUNDAY - 26.02.2023
5	February (27-28) March (1-4)	Effect of temperature on the rate of reaction – Arrhenius equation.
		SUNDAY - 05.03.2023
	Holi Va	acations - 05.03.2023 to 12.03.2023
7	March (13-18)	Theories of reaction rate – Simple collision theory for unimolecular collision. Transition state theory of bimolecular reactions. SUNDAY - 19.03.2023

8	March (20-25)	Electrochemistry Electrolytic conduction, factors affecting electrolytic conduction, specific conductance, molar conductance, equivalent conductance and relation among them,	
	HOLIDAY	SUNDAY - 26.03.2023 23.03.2023 Shaheedi Diwas	
9	March (27-31) April (1)	variation with concentration. Arrhenius theory of ionization, Ostwald's Dilution Law.	
	HOI	IDAY - 30.03.2023 (Ram Navmi)	
		SUNDAY - 02.04.2023	
9	April (3-8)	Debye Huckel – Onsager's equation for strong electrolytes (elementary treatment only),	
	HOLID	AY - 04.04.2023 (Mahavir Jayanti)	
		SUNDAY - 09.04.2023	
10	April (10-15)	Application of Kohlrausch's Law in calculation of conductance of weak electrolytes at infinite dilution.	
		SUNDAY - 16.04.2023	
	HOLIDAY -	14.04.2023 (DR.B.R.Ambedkar Jayanti)	
11	April (17-21)	Applications of conductivity measurements: determination of degree of dissociation,	
		SUNDAY - 23.04.2023	
	Holiday Id	-Ul-Fitr/Parshuram Jayanti (Saturaday)	
12	April (24-29)	determination of Ka of acids determination of solubility product of sparingly soluble salts,	
	ſ	SUNDAY - 30.04.2023	
13	May (1-6)	conduc tometric titrations. Concepts of pH and pKa	
		SUNDAY - 07.05.2023	
14	May (8-13)	Buffer solution, Buffer action, Henderson – Hazel equation, Buffer mechanism of buffer action	
	May	SUNDAY - 14.05.2023	
14	(15-16)		
	Examination 17.05.2023 Onwards.		

LESSON PLAN

SESSION 2022-23 (01.02.2023 to 16.05.2023)

Weekly Lesson Plan Even Semester)

UG (II - Semester)

Name of the Paper:- Inorganic Chemistry Class: B.Sc -I

Name of the Teachers (Section Wise) : PROF. ERA GARG

WEEK	DATE	TOPICS			
		Hydrogen Bonding and Van der Waals forces			
	February	Hydrogen Bonding – Definition, types, effects of hydrogen bonding on			
1	(1-4)	properties			
		of substances, application			
	SUNDAY -	05.02.2023 Holiday (Guru Ravidass Jayanti)			
		Metallic Bond and semiconductors			
	February	Metallic bond – Qualitative idea of valence bond and Band theories of			
2	(6-11)	metallic			
	(0 ==)	hond (conductors semiconductors insulators)			
		SUNDAY - 12.02.2023			
	Fohrugry				
3	(12.17)	Semiconductors – Introduction, types and applications.			
	(13-17)	s-Block elements			
		Comparative study of the elements including diagonal relationship,			
	н	DLIDAY - 18.02.2023 (Maha Shivratri)			
		SUNDAY - 19.02.2023			
		Anomalous			
		behaviour of Lithium and Beryllium compared to other elements in the			
4	February	same			
4	(20-25)	group, salient features of hydrides, oxides, halides, hydroxides (methods			
		of			
		preparation excluded),			
	SUNDAY - 26.02.2023				
	February				
-	(27-28)				
5	March	behaviour of solution in liquid NH3.			
	(1-4)	Chemistry of Noble Gases			
		General physical properties, low chemical reactivity, chemistry of xenon,			
		SUNDAY - 05.03.2023			
	Holi	Vacations - 05.03.2023 to 12.03.2023			
_	March				
/	(13-18)				
		structure			
		and bonding in fluorides, oxides and oxyfluorides of xenon.			
	1	SUNDAY - 19.03.2023			

		p-Block elements:		
8	March	Electronic configuration, atomic and ionic size, metallic character,		
		melting point,		
	(20-25)	ionization energy, electron affinity, electronegativity, inert pair effect		
		and diagonal		
		SUNDAY - 26.03.2023		
	HOLIDAY	23.03.2023 Shaheedi Diwas		
	March			
	(27-31)	Boron family (13th group):		
9	April	Diborane: Preparation, properties and structure (as an example of		
	(1)	electron		
		deficient compound and multicenter bonding)		
	F	OLIDAY - 30.03.2023 (Ram Navmi)		
		SUNDAY - 02.04.2023		
		Borazine chemical properties and		
٥	April	structure relative strength of Tribalide of Peren as lowis aside structure		
5	(3-8)	of		
		aluminium(III) chloride		
	НО	IDAY - 04.04.2023 (Mahavir Javanti)		
		SUNDAY - 09.04.2023		
		Carbon family and Nitrogen family (14th		
		and 15th group):		
10	April	Catenation, Carbides, fluoro carbons, silicates (structural aspects).		
	(10-15)			
	•	SUNDAY - 16.04.2023		
	HOLIDA	Y - 14.04.2023 (DR.B.R.Ambedkar Jayanti)		
	April			
11	(17-21)			
		Oxides: Structure of oxides of nitrogen and phosphorus,		
SUNDAY - 23.04.2023 Holiday Id III Fitz /Darchuram Jayanti (Saturaday)				
	nonuay	Tu-OI-Fill/Falshulani Jayanti (Jatuladay)		
	April	Oxyacids : Structure and		
12	(24-29)	relative acid strength of oxy acids of nitrogen and phosphorus, structure		
	()	of white		
		and Red phosphorus.		
		SUNDAY - 30.04.2023		
		Oxygen family (16th group):		
13	May	Oxy acids of sulphur – structure and acidic strength, Hydrogen Peroxide		
15	(1-6)	-		
		properties and uses.		
		SUNDAY - 07.05.2023		
		Halogon family (17th group)		
	May	Halogen family (17th group):		
14	May (9.12)	Halogen family (17th group): Interhalogen compounds (their properties and structures), Hydra and		
14	May (8-13)	Halogen family (17th group): Interhalogen compounds (their properties and structures), Hydra and oxy acids of		
14	May (8-13)	Halogen family (17th group): Interhalogen compounds (their properties and structures), Hydra and oxy acids of chlorine – structure and comparison of acid strength, cationic nature of		
14	May (8-13)	Halogen family (17th group): Interhalogen compounds (their properties and structures), Hydra and oxy acids of chlorine – structure and comparison of acid strength, cationic nature of Iodine SUNDAY - 14.05.2023		
14	May (8-13) Mav	Halogen family (17th group): Interhalogen compounds (their properties and structures), Hydra and oxy acids of chlorine – structure and comparison of acid strength, cationic nature of lodine SUNDAY - 14.05.2023		
14	May (8-13) May (15-16)	Halogen family (17th group): Interhalogen compounds (their properties and structures), Hydra and oxy acids of chlorine – structure and comparison of acid strength, cationic nature of lodine SUNDAY - 14.05.2023 Revision,Class Test		

LESSON PLAN

SESSION 2022-23 (01.02.2023 to 16.05.2023)

Weekly Lesson Plan Even Semester)

UG (II - Semester)

Name of the Paper:- DIVERSITY OF ARCHEGONIATES

Class: B.Sc -I (MEDICAL)

Name of the Teachers (Section Wise) : RAJNI

WEEK	DATE	TOPICS		
		Bryophyta- Introduction		
	February			
1	(1-4)			
	SUNDA	Y - 05.02.2023 Holiday (Guru Ravidass Jayanti)		
		Discussion on General characters of Bryophyta		
		Discussion on General characters of Bryophyta		
2	February	Bryophyta- Classification (upto classes)		
2	(6-11)			
	T	SUNDAY - 12.02.2023		
		Bryophyta- Alternation of generations.		
	February	Marchantia - structure and reproduction		
3	(13-17)	Marchantia - structure and reproduction		
	(
		HOLIDAY - 18.02.2023 (Maha Shivratri)		
	1	SUNDAY - 19.02.2023		
		Marchantia - structure and reproduction		
		Marchantia - structure and reproduction		
4	February	Anthoceros - structure and reproduction		
	(20-25)			
	ļ			
		SUNDAY - 26.02.2023		
	Fobruary	Anthoceros - structure and reproduction		
	(27.28)	Anthoceros - structure and reproduction		
5	(27-28) March			
	(1-4)			
	ļ	SUNDAY - 05 03 2023		
Holi Vacations - 05.03.2025				
		Funaria -structure and reproduction		
7		Funaria -structure and reproduction		
	March	Funaria -structure and reproduction		
	(13-18)			
		SUNDAY - 19.03.2023		

		Funaria -structure and reproduction		
8	March	Pteridophyta- General characters.		
		Pteridonhyta- General characters		
	(20-25)			
		SUNDAY - 26.03.2023		
	нош	DAY 23 03 2023 Shaheedi Diwas		
	HOL	Pteridonhyta- General characters		
	March	Pteridophyta- classification (unto classes)		
٩	(27-31)			
5	April			
	(1)			
		HOLIDAY - 30 03 2023 (Ram Navmi)		
		SUNDAY - 02 04 2023		
		<i>Rhynia</i> - alternation of generations, structure and reproduction.		
		Rhynig - alternation of generations, structure and reproduction.		
9	April			
5	(3-8)			
		HOLIDAY - 04.04.2023 (Mahavir Javanti)		
		SUNDAY - 09.04.2023		
		Conditional Test		
		Selaginella - structure and reproduction, alternation of generations		
10	April	Selaginella - structure and reproduction, alternation of generations		
	(10-15)			
		SUNDAY - 16.04.2023		
	HOL	DAY - 14.04.2023 (DR.B.R.Ambedkar Jayanti)		
		Selaginella - structure and reproduction, alternation of generations		
		Equisetum - structure and reproduction, alternation of generations		
11	April	Equisetum - structure and reproduction, alternation of generations		
	(17-21)			
		SUNDAY - 23.04.2023		
	Holi	day Id-Ul-Fitr/Parshuram Jayanti (Saturaday)		
		Pteris-structure and reproduction, alternation of generations		
		Pteris-structure and reproduction, alternation of generations		
12	April (24-29)	Pteris-structure and reproduction, alternation of generations		
12				
		SUNDAY - 30.04.2023		
		Stelar System		
		Stelar System		
13	May	Stelar System		
10	(1-6)			
		SUNDAY - 07.05.2023		
		Assignment		
		Revision		
14	May (8-13)	Revision		
		SUNDAY - 14.05.2023		
14	May	Revision		
	(15-16)	Revision		
	Examination 17.05.2023 Onwards.			

LESSON PLAN

SESSION 2022-23 (01.02.2023 to 16.05.2023)

Weekly Lesson Plan Even Semester)

UG (II - Semester)

Name of the Paper:- Physical Chemistry

Class: B.Sc-1 (MEDICAL)

Name of the Teachers (Section Wise) : DR. VIKRAM KUMAR

1 February (1-4) Kinetics Rate of reaction, rate equation and its types, factors influencing the rate of a reaction - concentration, temperature 2 February (6-11) factors influencing the rate of a reaction -, pressure, solvent, light, catalyst 3 February (13-17) Order of a reaction, integrated rate expression for zero order, first order, solvent, light, catalyst 4 February (20-25) SUNDAY - 19.02.2023 4 February (20-25) second and third order reactions. Half life period of a reaction. 5 February (20-25) second and third order reactions. Half life period of a reaction. 5 February (20-25) second and third order reactions. Half life period of a reaction. 5 February (21-28) March (1-4) Effect of temperature on the rate of reaction - Arrhenius equation. 7 March (13-18) Theories of reaction rate - Simple collision theory for unimolecular collision. Transition state theory of binolecular reactions. 8 March (20-25) Electrolytic conductance and relation among them, specific conductance, molar conductance, equivalent conductance and relation among them,	WEEK	DATE	TOPICS		
1 February (1-4) Rate of reaction, rate equidation and its types, factors influencing the rate of a reaction - concentration, temperature 2 February (6-11) factors influencing the rate of a reaction pressure, solvent, light, catalyst 3 February (13-17) Order of a reaction, integrated rate expression for zero order, first order, 4 February (20-25) SUNDAY - 19.02.2023 4 February (20-25) second and third order reactions. Half life period of a reaction. 5 February (20-25) SUNDAY - 26.02.2023 5 February (20-25) Second and third order reactions. Half life period of a reaction. 5 February (21-28) March (1-4) Effect of temperature on the rate of reaction - Arrhenius equation. 7 March (13-18) Theories of reaction rate Simple collision theory for unimolecular collision. Transition state theory of bimolecular collision. Transition state theory of bimolecular collusion.					
Image: Constraint of the second and the second an	1	February	Kinetics		
Image: constraint of a reaction - concentration, temperature SUNDAY - 05.02.2023 Holiday (Guru Ravidass Jayanti) 2 February (6-11) factors influencing the rate of a reaction -, pressure, solvent, light, catalyst 3 February (13-17) Order of a reaction, integrated rate expression for zero order, first order, HOUDAY - 18.02.2023 (Maha Shivratri) 4 February (20-25) second and third order reactions. Half life period of a reaction. 5 February (20-25) second and third order reactions. Half life period of a reaction. 5 February (20-25) SUNDAY - 26.02.2023 6 February (20-25) February (20-25) 7 March (1-4) Effect of temperature on the rate of reaction - Arrhenius equation. 7 March (13-18) Theories of reaction rate - Simple collision theory for unimolecular collision. Transition state theory of bimolecular collision. Transition state theory of bimolecular collision. Transition state theory of bimolecular collucion, specific conductance, molar conductance, equivalent conductance and relation among them,	-	(1-4)	Rate of reaction, rate equation and its types, factors influencing		
2 February (6-11) factors influencing the rate of a reaction – , pressure, solvent, light, catalyst 3 February (13-17) Order of a reaction, integrated rate expression for zero order, first order, HOLIDAY - 12.0.2.023 3 February (13-17) Order of a reaction, integrated rate expression for zero order, first order, to zorder, first order, sunDAY - 19.02.2023 4 February (20-25) second and third order reactions. Half life period of a reaction. 5 February (27-28) March (1-4) Effect of temperature on the rate of reaction – Arrhenius equation. 5 February (27-28) SUNDAY - 26.02.2023 6 February (27-28) February (27-28) 7 March (1-4) Effect of temperature on the rate of reaction – Arrhenius equation. 7 March (13-18) Theories of reaction rate – Simple collision theory for unimolecular collision. Transition state theory of bimolecular collision. Transition state theory of bimolecular collision. Transition state theory of bimolecular collision, fractors affecting electrolytic conduction, specific conductance, molar conductance, equivalent conductance and relation among them,			the rate of a reaction – concentration, temperature		
2 February (6-11) factors influencing the rate of a reaction - , pressure, solvent, light, catalyst 3 February (13-17) Order of a reaction, integrated rate expression for zero order, first order, 3 February (13-17) Order of a reaction, integrated rate expression for zero order, first order, 4 February (20-25) second and third order reactions. Half life period of a reaction. 5 February (27-28) March (1-4) Effect of temperature on the rate of reaction - Arrhenius equation. 7 March (13-18) Theories of reaction rate - SINDAY - 15.03.2023 7 March (13-18) Theories of reaction rate - Simple collision theory for unimolecular collision. Transition state theory of bimolecular collision, specific conductance, equivalent conductance and relation among them, SINDAY - 26.02.203		SUND	AY - 05.02.2023 Holiday (Guru Ravidass Jayanti)		
2 February (6-11) factors influencing the rate of a reaction - , pressure, solvent, light, catalyst 3 February (13-17) Order of a reaction, integrated rate expression for zero order, first order, HOLIDAY - 18.02.2023 (Maha Shiwratri) 4 February (20-25) HOLIDAY - 19.02.2023 4 February (20-25) second and third order reactions. Half life period of a reaction. 5 February (27-28) March (1-4) Effect of temperature on the rate of reaction - Arrhenius equation. 7 March (13-18) Theories of reaction rate - SINDAY - 19.03.2023 7 March (13-18) Theories of reaction rate - Simple collision theory for unimolecular collision. Transition state theory of bimolecular collision. Transition state theory of bimolecular collision. Transition state theory of bimolecular collision, specific conductance, equivalent conductance and relation among them, specific conductance, molar conductance, equivalent conductance and relation among them,					
2 February (6-11) factors influencing the rate of a reaction – , pressure, solvent, light, catalyst 3 February (13-17) SUNDAY - 12.02.2023 3 February (13-17) Order of a reaction, integrated rate expression for zero order, first order, HOLIDAY - 18.02.2023 (Maha Shivratri) 4 February (20-25) second and third order reactions. Half life period of a reaction. 5 February (20-25) second and third order reactions. Half life period of a reaction. 5 February (27-28) March (1-4) Effect of temperature on the rate of reaction – Arrhenius equation. 7 March (13-18) Theories of reaction rate - Simple collision theory for unimolecular collision. Transition state theory of bimolecular reactions. 8 March (20-25) Electrolytic conduction, factors affecting electrolytic conduction, specific conductance, molar conductance, equivalent conductance and relation among them,		_			
(6-11) tactors influencing the rate of a reaction – , pressure, solvent, light, catalyst 3 February (13-17) Order of a reaction, integrated rate expression for zero order, first order, 4 February (20-25) NUNDAY - 19.02.2023 4 February (20-25) second and third order reactions. Half life period of a reaction. 5 February (27-28) March (1-4) Effect of temperature on the rate of reaction – Arrhenius equation. 5 Joint Content of the rate of reaction – Arrhenius equation. SUNDAY - 05.03.2023 Holi Vacations - 05.03.2023 to 12.03.2023 February (27-28) March (1-4) Effect of temperature on the rate of reaction – Arrhenius equation. SUNDAY - 05.03.2023 Holi Vacations - 05.03.2023 G March (13-18) Theories of reaction rate – Simple collision theory for unimolecular collision. Transition state theory of bimolecular collision. Transition seconfic conductance, molar conductance, equivalent con	2	February			
February (13-17) SUNDAY - 12.02.2023 3 February (13-17) Order of a reaction, integrated rate expression for zero order, first order, HOLIDAY - 18.02.2023 (Maha Shivratri) 4 February (20-25) SUNDAY - 19.02.2023 5 February (20-25) second and third order reactions. Half life period of a reaction. 5 February (27-28) March (1-4) Effect of temperature on the rate of reaction – Arrhenius equation. 7 March (13-18) Theories of reaction rate – Simple collision theory for unimolecular collision. Transition state theory of bimolecular reactions. 8 March (20-25) Electrolytic conduction, factors affecting electrolytic conduction, specific conductance, molar conductance, equivalent conductance and relation among them,		(6-11)	factors influencing		
Solvent, light, catalyst SUNDAY - 12.02.2023 3 February (13-17) Order of a reaction, integrated rate expression for zero order, first order, HOLIDAY - 18.02.2023 (Maha Shiwratri) SUNDAY - 19.02.2023 4 February (20-25) second and third order reactions. Half life period of a reaction. SUNDAY - 26.02.2023 5 February (27-28) second and third order reactions. Half life period of a reaction. 5 February (27-28) SUNDAY - 26.02.2023 6 Holi Vacations - 05.03.2023 Holi Vacations - 05.03.2023 Total colspan="2">Colspan="2"			the rate of a reaction – , pressure,		
3 February (13-17) Order of a reaction, integrated rate expression for zero order, first order, HOLIDAY - 18.02.2023 (Maha Shivratri) 4 February (20-25) SUNDAY - 19.02.2023 4 February (20-25) second and third order reactions. Half life period of a reaction. 5 February (27-28) SUNDAY - 26.02.2023 6 February (27-28) Effect of temperature on the rate of reaction – Arrhenius equation. 5 SUNDAY - 05.03.2023 7 March (13-18) Theories of reaction rate - Simple collision theory for unimolecular collision. Transition state theory of bimolecular collision. Transition state theory of bimolecular collision. Transition state theory of bimolecular collision. Transition specific conduction, factors affecting electrolytic conduction, specific conductance, molar conductance, equivalent conductance and relation among them,			solvent, light, catalyst		
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3 February (13-17) Order of a reaction, integrated rate expression for zero order, first order, HOLIDAY - 18.02.2023 (Maha Shivratri) SUNDAY - 19.02.2023 4 February (20-25) second and third order reactions. Half life period of a reaction. SUNDAY - 26.02.2023 SUNDAY - 05.03.2023 SUNDAY - 05.03.2023 Theories of reaction - Arrhenius equation. SUNDAY - 05.03.2023 Theories of reaction rate - Simple collision theory for unimolecular collision. Transition state theory of bimolecular reactions. SUNDAY - 19.03.2023 B March (13-18) Theories of reaction rate - Simple collision theory for unimolecular collision. Transition state theory of bimolecular reactions. SUNDAY - 19.03.2023 8 March (20-25) Electrolytic conduction, factors affecting electrolytic conduction, specific conductance, molar conductance, equivalent conductance and relation among them,					
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8 March (20-25) Electrolytic conduction, factors affecting electrolytic conductance, and relation among them,		(13-18)	Circula collision theory for university of local collision. Transition		
Sunday - 19.03.2023 March (20-25) Electrolytic conduction, factors affecting electrolytic conductance and relation among them, SUNDAY - 26.03.2023			- Simple collision theory for unimolecular collision. Transition		
8 March (20-25) Electrolytic conduction, factors affecting electrolytic conduction, specific conductance, molar conductance, equivalent conductance and relation among them, SUNDAY - 26.03 2023					
8 March (20-25) Electrolytic conduction, factors affecting electrolytic conduction, specific conductance, molar conductance, equivalent conductance and relation among them,	50NDAT - 15.05.2025				
8 March (20-25) Electrolytic conduction, factors affecting electrolytic conduction, specific conductance, molar conductance, equivalent conductance and relation among them,			Electrochemistry		
(20-25) specific conductance, molar conductance, equivalent conductance and relation among them,	8	March	Electrolytic conduction, factors affecting electrolytic conduction		
and relation among them,		(20-25)	specific conductance, molar conductance, equivalent conductance		
SUNDAY - 26 03 2023			and relation among them.		
			SUNDAY - 26.03.2023		
HOLIDAY 22 02 2022 Shahaadi Diwas					
CUTURE (2 U2 2					

9	March (27-31) April (1)	variation with concentration.		
	· ·	Arrhenius theory of ionization, Ostwald's Dilution Law. HOLIDAY - 30.03.2023 (Ram Navmi)		
		SUNDAY - 02.04.2023		
9	April (3-8)	Debye Huckel – Onsager's equation for strong electrolytes (elementary treatment only),		
		HOLIDAY - 04.04.2023 (Mahavir Jayanti)		
		SUNDAY - 09.04.2023		
10	April (10-15)	Application of Kohlrausch's Law in calculation of conductance of weak electrolytes at infinite dilution.		
		SUNDAY - 16.04.2023		
	HOLI	DAY - 14.04.2023 (DR.B.R.Ambedkar Jayanti)		
11	April (17-21)	Applications of conductivity measurements: determination of degree of dissociation,		
		SUNDAY - 23.04.2023		
12	April (24-29)	day Id-OI-Fitr/Parsnuram Jayanti (Saturaday) determination of Ka of acids determination of solubility product of sparingly soluble salts,		
		SUNDAY - 30.04.2023		
13	May (1-6)	conduc tometric titrations. Concepts of pH and pKa		
SUNDAY - 07.05.2023				
14	May (8-13)	Buffer solution, Buffer action, Henderson – Hazel equation, Buffer mechanism of buffer action		
	May	50NDAT - 14.03.2023		
14	(15-16)			
	Examination 17.05.2023 Onwards.			

LESSON PLAN

SESSION 2022-23 (01.02.2023 to 16.05.2023)

Weekly Lesson Plan Even Semester)

UG (II - Semester)

Name of the Paper:- Inorganic Chemistry Class: B.Sc -I (MEDICAL)

Name of the Teachers (Section Wise) : PROF. ERA GARG

WEEK	DATE	TOPICS	
		Hydrogen Bonding and Van der Waals forces	
1	February	Hydrogen Bonding – Definition, types, effects of hydrogen bonding on	
-	(1-4)	properties	
		of substances, application	
	SUND	AY - 05.02.2023 Holiday (Guru Ravidass Jayanti)	
2	February (6-11)	Metallic Bond and semiconductors Metallic bond – Qualitative idea of valence bond and Band theories of metallic bond (conductors, semiconductors, insulators).	
		SUNDAY - 12.02.2023	
3	February (13-17)	Semiconductors – Introduction, types and applications. s-Block elements Comparative study of the elements including diagonal relationship,	
		HOLIDAY - 18.02.2023 (Maha Shivratri)	
	1	SUNDAY - 19.02.2023	
4	February (20-25)	Anomalous behaviour of Lithium and Beryllium compared to other elements in the same group, salient features of hydrides, oxides, halides, hydroxides (methods of preparation excluded),	
		SUNDAY - 26.02.2023	
5	February (27-28) March (1-4)	behaviour of solution in liquid NH3. Chemistry of Noble Gases General physical properties, low chemical reactivity, chemistry of xenon,	
		SUNDAY - 05.03.2023	
	1	Holi Vacations - 05.03.2023 to 12.03.2023	
7	March (13-18)	structure and bonding in fluorides, oxides and oxyfluorides of xenon.	
		SUNDAY - 19.03.2023	
8	March (20-25)	p-Block elements: Electronic configuration, atomic and ionic size, metallic character, melting point, ionization energy, electron affinity, electronegativity, inert pair effect and diagonal relationship	
		SUNDAY - 26.03.2023	
HOLIDAY 23.03.2023 Shaheedi Diwas			

March	
9 (27-31) Boron family (13th group):	
April Diborane: Preparation, properties and structure (as an exa	mple of electron
(1) deficient compound and multicenter bondin	g)
HOLIDAY - 30.03.2023 (Ram Navmi)	
SUNDAY - 02.04.2023	
April	
9 Borazine chemical properties and	
structure, relative strength of Trihalide of Boron as lewis ac	ids, structure of
aluminium(III) chloride.	
HOLIDAY - 04.04.2023 (Mahavir Jayanti)	
SUNDAT - 09.04.2023	
and 15th group):	
April Catenation Carbides fluoro carbons silicates (structur	ral aspects)
(10-15)	al aspects).
SUNDAY - 16.04.2023	
HOLIDAY - 14.04.2023 (DR.B.R.Ambedkar Jayanti)	
April	
11 (17-21)	
Oxides: Structure of oxides of nitrogen and phosp	phorus,
SUNDAT - 23.04.2023 Holiday Id III Eitr/Darshuram Jayanti (Saturaday)	
April Oxyacids : Structure and	
12 (24-29) relative acid strength of oxy acids of nitrogen and phospho	rus, structure of
white	
and Red phosphorus.	
SUNDAY - 30.04.2023	
13 Oxygen family (16th group):	agon Dorovido
(1-0) Oxy actus of sulphul – structure and actuc strength, Hydro	gen Peroxide –
properties and uses.	
SUNDAY - 07.05.2023	
May Halogen family (17th group):	
(8-13) Interhalogen compounds (their properties and structures), H	ydra and oxy acids
of	
chlorine – structure and comparison of acid strength, cationi	c nature of lodine
SUNDAY - 14.05.2023	
14 IViay (15 16) Devision Class Test	
(13-10) Revision, Class Test	

LESSON PLAN

SESSION 2022-23 (01.02.2023 to 16.05.2023)

Weekly Lesson Plan Even Semester)

UG (II -Semester)

Name of the Paper:- English

Class:Bsc-I (MEDICAL)

Name of the Teachers (Section Wise) : Srishti Sharma

WEEK	DATE	TOPICS		
		Introduction of "Our Civilization"		
1	February	About Author		
	(1-4)	"Our Civilization" Text		
	. ,	"Our Civilization" Text		
		SUNDAY - 05.02.2023 Holiday (Guru Ravidass Jayanti)		
		"Our Civilization "Text		
		Revision		
	February	Question/Answer discussion		
2	(6-11)	Question/Answer discussion		
	(*/	Revision		
		Test		
	l	SUNDAY - 12.02.2023		
		Translation practice		
	Falsmann	Translation practice		
3	February	Translation Practice		
	(13-17)	Introduction of " It's Question Time"		
		About Author		
		HOLIDAY - 18.02.2023 (Maha Shivratri)		
	-	SUNDAY - 19.02.2023		
		"It's Question Time" Text		
		"It's Question Time"Text		
4	February	"It's Question Time"Text		
-	(20-25)	Revision		
		Question/Answer discussion		
		Question/Answer discussion		
		SUNDAY - 26.02.2023		
	February	Procis writing		
	(27-28)	Precis writing		
5	March	"An Interview with Christiaan Barnard"		
	(1-4)	"An Interview with Christiaan Barnard"		
	(1-4)	"An Interview with Christiaan Barnard"		
		SUNDAY - 05.03.2023		
	-	Holi Vacations - 05.03.2023 to 12.03.2023		
		Revision		
		Question/Answer discussion		
7	March	Question/Answer discussion		
	(13-18)	lest Asimuset 4		
		Assignment 1		
		"Untouchability and Caste System"		
		"Untouchability and Caste System"		
8	iviarch	"Untouchability and Caste System"		
	(20-25)	Revision		
		Test		
	• 	SUNDAY - 26.03.2023		
	HOLI	DAY 23.03.2023 Shaheedi Diwas		

	March	Letter writing
	(27.21)	Letter writing
9	(27-31)	Letter Writing
	April	Assignment 2
	(1)	Assignment 2
		HOLIDAY - 30.03.2023 (Ram Navmi)
		SUNDAY - 02.04.2023
		Introduction of "Inhumanisation of war"
	April	"Inhumanisation of war"
9	(3-8)	"Inhumanisation of war"
	(3-8)	"Inhumanisation of war"
		Revision
		HOLIDAY - 04.04.2023 (Mahavir Jayanti)
	1	SUNDAY - 09.04.2023
		Conditional Test
	April	Translation practice
10	(10-15)	Translation Practice
	(Introduction of "Seven types of Gender Inequality "
		" Seven Types of Gender Inequality "
		SUNDAY - 16.04.2023
	1	HOLIDAY - 14.04.2023 (DR.B.R.Ambedkar Jayanti)
		Seven Types of Gender Inequality
	April	"Seven Types of Gender Inequality"
11	(17-21)	Seven Types of Gender Inequality
		Question/Answer discussion
		Holiday Id-I II-Eitr/Darshuram Jayanti (Saturaday)
		Revision
		Test
	April (24-29)	Letter writing
12		Letter Writing
		Test of letter writing
		Revision
		SUNDAY - 30.04.2023
	1	Precis practice
		Precis practice
12	May	Precis practice
13	(1-6)	Test
		Revision ch-1
		Translation
		SUNDAY - 07.05.2023
		Revision ch 2
		Revision ch 3
14	May	Revision ch 4
1.4	(8-13)	Revision Ch 5
		Revision Ch 6
		Important question discussion
	1	SUNDAY - 14.05.2023
14	May	Important question discussion
	(15-16)	Test of full Syllabus
		Examination 17.05.2023 Onwards.

LESSON PLAN

SESSION 2022-23 (01.02.2023 to 16.05.2023)

Weekly Lesson Plan Even Semester)

UG (II - Semester)

Name of the Paper:- Life and Diversity from Annelida to Arthropoda and Genetics- I Class: Ist Year (M) Name of the Teachers (Section Wise): Pawan Kumar

WEEK	DATE	TOPICS
		General characters of annelida
1	February	
1	(1-4)	
		SUNDAY - 05.02.2023 Holiday (Guru Ravidass Jayanti)
		Biodiversity of annelida
		Biodiversity of annelida
2	February	Economic importance of annelida
	(6-11)	
		SUNDAY - 12.02.2023
		Earthworm - Type study
		Earthworm - Type study
3	February	Earthworm - Type study
	(13-17)	
		HOLIDAY - 18.02.2023 (Maha Shivratri)
		SUNDAY - 19.02.2023
		Earthworm - Type study
		Earthworm - Type study
4	February	Earthworm - Type study
	(20-25)	
		SUNDAY - 26.02.2023
		Metamerism in annelida
	February	Trochophore Larva
F	(27-28)	General characters of arthropoda
5	March	
	(1-4)	
		SUNDAY - 05.03.2023
		Holi Vacations - 05.03.2023 to 12.03.2023
		Biodiversity and economic importance of arthropoda
	March	
7	(13-18)	
	(10 10)	
		SUNDAY - 19.03.2023
		Grasshopper- type study
	March	Grasshopper- type study
8	(20-25)	Grasshopper- type study
	,,	
	ЦОН	SUNDAT - 20.03.2023

	D.d.a.u.a.la	Grasshopper- type study
9	iviarch	Grasshopper- type study
	(27-31)	Grasshopper- type study
	April	
	(1)	
		HOLIDAY - 30.03.2023 (Ram Navmi)
		SUNDAY - 02.04.2023
	A	
9	April	
	(3-8)	
	·	HOLIDAY - 04.04.2023 (Mahavir Jayanti)
		SUNDAY - 09.04.2023
		Elements of Heredity and variations
	April	Varieties of gene interactions
10	(10.1E)	Linkage and recombination
	(10-13)	
		SUNDAY - 16.04.2023
	1	HOLIDAY - 14.04.2023 (DR.B.R.Ambedkar Jayanti)
		sex determination and its mechanism (extra Class on 24.6.21)
	April	sex linked inheritance
11	(17-21)	Class test
	. ,	
		SUNDAY, 22.04.2022
		SUNDAY - 23.04.2023
		Holiday Id-Ol-Fitr/Parsnuram Jayanti (Saturaday)
		sex mixed inneritance
	April	extrachromosomal and cytoplasmic inheritance
12	(24, 20)	
	(24-29)	
		SUNDAY - 30.04.2023
		Class test
		Revision
	May	Revision
13	(1-6)	
	. ,	
		SUNDAY - 07.05.2023
		Class test
		Revision
14	May	Revision
14	(8-13)	
	ł	SUNDAY - 14.05.2023
14	May	SUNDAY - 14.05.2023 Class test
14	May (15-16)	SUNDAY - 14.05.2023 Class test Class test

LESSON PLAN

SESSION 2022-23 (01.02.2023 to 16.05.2023)

Weekly Lesson Plan Even Semester)

UG (II / IV / VI - Semester)

Name of the Paper:- Physical Chemistry Class: B.Sc II SEM

Name of the Teachers (Section Wise) : DR. VIKRAM KUMAR

WEEK	DATE	TOPICS
1	February	Kinetics
1	(1-4)	Rate of reaction, rate equation and its types, factors influencing
		the rate of a reaction – concentration, temperature
	SUNDAY - 0	5.02.2023 Holiday (Guru Ravidass Jayanti)
_	February	
2	(6-11)	factors influencing
	(,	the rate of a reaction – pressure
		solvent light catalyst
	I	SUNDAY - 12.02.2023
3	February	
J	(13-17)	Order of a reaction integrated rate
		ovpression for zoro order first order
		IDAX - 18 02 2022 (Maba Shivratri)
	HUL	
		50NDA1 - 19.02.2025
	Fobruary	
4	(20.25)	
	(20-25)	cocond and third order
		second and third order
		reactions. Hair life period of a reaction.
		SUNDAY - 26.02.2023
	F abricani	
	(27.20)	
5	(27-28)	
	iviarch	
	(1-4)	Effect of temperature on
		the rate of reaction – Arrhenius equation.
		SUNDAY - 05.03.2023
	Holi V	acations - 05.03.2023 to 12.03.2023
	_	
7	March	
-	(13-18)	Theories of reaction rate
		 Simple collision theory for unimolecular collision. Transition
		state theory of bimolecular reactions.
		SUNDAY - 19.03.2023
	March	Electrochemistry
8	(20.25)	Electrolytic conduction, factors affecting electrolytic conduction,
	(20-25)	specific conductance, molar conductance, equivalent conductance
		and relation among them,

SUNDAY - 26.03.2023		
	HOLIDAY	23.03.2023 Shaheedi Diwas
9	March (27-31) April (1)	variation with concentration. Arrhenius theory of ionization, Ostwald's Dilution Law.
	НО	LIDAY - 30.03.2023 (Ram Navmi)
		SUNDAY - 02.04.2023
9	April (3-8)	Debye Huckel – Onsager's equation for strong electrolytes (elementary treatment only),
	HOLII	DAY - 04.04.2023 (Mahavir Jayanti)
		SUNDAY - 09.04.2023
10	April (10-15)	Application of Kohlrausch's Law in calculation of conductance of weak electrolytes at infinite dilution.
		SUNDAY - 16.04.2023
	HOLIDAY -	- 14.04.2023 (DR.B.R.Ambedkar Jayanti)
11	April (17-21)	Applications of conductivity measurements: determination of degree of dissociation,
		SUNDAY - 23.04.2023
	Holiday Id	d-Ul-Fitr/Parshuram Jayanti (Saturaday)
12	April (24-29)	determination of Ka of acids determination of solubility product of sparingly soluble salts,
		SUNDAY - 30.04.2023
13	May (1-6)	conduc tometric titrations. Concepts of pH and pKa
SUNDAY - 07.05.2023		
14	May (8-13)	Buffer solution, Buffer action, Henderson – Hazel equation, Buffer mechanism of buffer action
	May	
14	(15-16)	
	Ex	amination 17.05.2023 Onwards.

LESSON PLAN

SESSION 2022-23 (01.02.2023 to 16.05.2023)

Weekly Lesson Plan Even Semester)

UG (II / IV / VI - Semester)

Name of the Paper:- Inorganic Chemistry Class: B.Sc II Sem

Name of the Teachers (Section Wise) : PROF. ERA GARG

WEEK	DATE	TOPICS
		Hydrogen Bonding and Van der Waals forces
	February	Hydrogen Bonding – Definition, types, effects of hydrogen
1	(1-4)	bonding on properties
		of substances, application
	SUNDAY - 05	.02.2023 Holiday (Guru Ravidass Jayanti)
		Metallic Bond and semiconductors
	February	Metallic bond – Qualitative idea of valence bond and Band
2	(6-11)	theories of metallic
		bond (conductors, semiconductors, insulators).
		SUNDAY - 12.02.2023
	February	Semiconductors – Introduction, types and applications.
3	(13-17)	s-Block elements
	(10 17)	Comparative study of the elements including diagonal
		relationship,
	HOLII	DAY - 18.02.2023 (Maha Shivratri)
	Г	SUNDAY - 19.02.2023
		Anomalous
		behaviour of Lithium and Beryllium compared to other elements
4	February (20-25)	in the same
		group, salient features of hydrides, oxides, halides, hydroxides (
		methods of
		preparation excluded),
		SUNDAY - 26.02.2023
	Fobulom	
		hobaviour of colution in liquid NH2
5	(27-20) March	Chemistry of Noble Cases
		Conoral physical properties, low chamical reactivity, chamistry of
	(1-4)	venon
		SUNDAY - 05 02 2022
	Holi Va	cations - 05.03.2023 to 12.03.2023
	March	
7	(13-18)	
	(<i>y</i>	structure
		and bonding in fluorides, oxides and oxyfluorides of xenon.
	l	SUNDAY - 19.03.2023
		p-Block elements:
		Electronic configuration, atomic and ionic size, metallic character,
8	March	melting point,
	(20-25)	ionization energy, electron affinity, electronegativity, inert pair
		effect and diagonal

		SUNDAY - 26.03.2023	
	HOLIDAY 23.03.2023 Shaheedi Diwas		
9	March (27-31) April (1)	Boron family (13th group): Diborane: Preparation, properties and structure (as an example of electron deficient compound and multicenter bonding)	
	HOL	IDAY - 30.03.2023 (Ram Navmi)	
		SUNDAY - 02.04.2023	
9	April (3-8)	Borazine chemical properties and structure, relative strength of Trihalide of Boron as lewis acids, structure of aluminium(III) chloride.	
	HOLID	AY - 04.04.2023 (Mahavir Jayanti)	
		SUNDAY - 09.04.2023	
10	April (10-15)	Carbon family and Nitrogen family (14th and 15th group): Catenation, Carbides, fluoro carbons, silicates (structural aspects).	
		SUNDAY - 16.04.2023	
	HOLIDAY -	14.04.2023 (DR.B.R.Ambedkar Jayanti)	
11	April (17-21)	Oxides: Structure of oxides of nitrogen and phosphorus,	
		SUNDAY - 23.04.2023	
	Holiday Id	-Ul-Fitr/Parshuram Jayanti (Saturaday)	
12	April (24-29)	Oxyacids : Structure and relative acid strength of oxy acids of nitrogen and phosphorus, structure of white and Red phosphorus.	
		SUNDAY - 30.04.2023	
13	May (1-6)	Oxygen family (16th group): Oxy acids of sulphur – structure and acidic strength, Hydrogen Peroxide – properties and uses.	
		SUNDAY - 07.05.2023	
14	May (8-13)	Halogen family (17th group): Interhalogen compounds (their properties and structures), Hydra and oxy acids of chlorine – structure and comparison of acid strength, cationic nature of lodine	
	May	3010A1 - 14.03.2023	
14	(15-16)	Revision,Class Test	
	Exa	amination 17.05.2023 Onwards.	

LESSON PLAN

SESSION 2022-23 (01.02.2023 to 16.05.2023)

Weekly Lesson Plan Even Semester)

UG (II -Semester)

Name of the Paper:- English

Class:Bsc 2nd sem

Name of the Teachers (Section Wise) : Srishti Sharma

WEEK	DATE	TOPICS	
		Introduction of "Our Civilization"	
1 Feb 1 (February	About Author	
	(1-4)	"Our Civilization" Text	
		"Our Civilization" Text	
		SUNDAY - 05.02.2023 Holiday (Guru Ravidass Jayanti)	
		"Our Civilization "Text	
		Revision	
-	February	Question/Answer discussion	
2	(6-11)	Question/Answer discussion	
		Revision	
		Test	
		SUNDAY - 12 02 2023	
		Translation practice	
	_	Translation practice	
3	February	Translation Practice	
Ū.	(13-17)	Introduction of "It's Ouestion Time"	
		About Author	
		HOLIDAY - 18.02.2023 (Maha Shivratri)	
		SUNDAY - 19.02.2023	
		"It's Question Time" Text	
		"It's Question Time"Text	
	February	"It's Question Time"Text	
4	(20-25)	Revision	
		Question/Answer discussion	
		Question/Answer discussion	
		SUNDAY - 26.02.2023	
	F . I	Test	
	February	Precis writing	
5	(27-28)	Precis writing	
	March	"An Interview with Christiaan Barnard"	
	(1-4)	"An Interview with Christiaan Barnard"	
		"An Interview with Christiaan Barnard"	
		SUNDAY - 05.03.2023 Holi Vesations 05.02.2022 to 12.02.2022	
		Revision	
		Ouestion/Answer discussion	
	March	Question/Answer discussion	
7	(13-18)	Test	
	(10 10)	Assignment 1	
		Assignment 1	
		SUNDAY - 19.03.2023	
		"Untouchability and Caste System"	
	March	"Untouchability and Caste System"	
8		"Untouchability and Caste System"	
	(20-25)	Revision	
		Test	

SUNDAY - 26.03.2023			
HOLIDAY 23.03.2023 Shaheedi Diwas			
9	March	Letter writing	
	(27.21)	Letter writing	
	(27-31)	Letter Writing	
	April	Assignment 2	
	(1)	Assignment 2	
		HOLIDAY - 30.03.2023 (Ram Navmi)	
		SUNDAY - 02.04.2023	
		Introduction of "Inhumanisation of war"	
	ا نه مد	"Inhumanisation of war"	
9	April	"Inhumanisation of war"	
	(3-8)	"Inhumanisation of war"	
		Revision	
		HOLIDAY - 04.04.2023 (Mahavir Jayanti)	
		SUNDAY - 09.04.2023	
		Conditional Test	
	ا:سما	Translation practice	
10	April (10.17)	Translation Practice	
	(10-15)	Introduction of " Seven types of Gender Inequality "	
		" Seven Types of Gender Inequality "	
		SUNDAY - 16.04.2023	
		HOLIDAY - 14.04.2023 (DR.B.R.Ambedkar Jayanti)	
		"Seven Types of Gender Inequality "	
	April	"Seven Types of Gender Inequality "	
11	(17-21)	"Seven Types of Gender Inequality "	
		Question/Answer discussion	
		Question/Answer discussion	
		SUNDAY - 23.04.2023	
		Holiday Id-Ul-Fitr/Parshuram Jayanti (Saturaday)	
		Revision	
	April	Test	
12		Letter writing	
12	(24-29)	Letter Writing	
		Test of letter writing	
		Revision	
		SUNDAY - 30.04.2023	
		Precis practice	
		Precis practice	
13	May	Precis practice	
	(1-6)	Test	
		Revision ch-1	
		Translation	
	r	SUNDAY - 07.05.2023	
		Revision ch 2	
		Revision ch 3	
14	May	Revision ch 4	
17	(8-13)	Revision Ch 5	
		Revision Ch 6	
		Important question discussion	
	1	SUNDAY - 14.05.2023	
14	May	Important question discussion	
	(15-16)	lest of full Syllabus	
		Examination 17.05.2023 Onwards.	

LESSON PLAN

SESSION 2022-23 (01.02.2023 to 16.05.2023)

Weekly Lesson Plan Even Semester)

UG (II - Semester)

Name of the Paper:- Number Theory And Trignometry Class: B.Sc.-I

Name of the Teachers (Section Wise) : Dr. Arpana Garg

WEEK	DATE	TOPICS	
		De Moivre's Theorem	
1	February	Its Examples and Problems	
	(1-4)	Disscusion	
		Roots of a Complex Number	
	SUNDAY - 05	5.02.2023 Holiday (Guru Ravidass Jayanti)	
		Theorems Based on Roots of a complex Number	
		Its Examples and Problems	
2	February	Solution Of Equations	
2	(6-11)	Problems	
		Expansion of Trignometric Functions	
		Formation of Equations	
		SUNDAY - 12.02.2023	
		Its Examples and Problems	
	February	Expansion of Powers of Trignometric Functions	
3	February	Expansion of Powers of Trignometric Functions	
	(13-17)	Problems and Test of the Chapter	
		Exponential Function of complex Variable	
	HOLI	DAY - 18.02.2023 (Maha Shivratri)	
-		SUNDAY - 19.02.2023	
		Problems and discussion	
		Circular Function of a complex variable	
	February	Hyperbolic function	
4	(20-25)	Problems	
		Seperation of Functions into real and imaginary part	
		Logrithmic Function	
		SUNDAY - 26.02.2023	
		Exponential Function	
	February	Problems	
-	(27-28)	Inverse Trignometry Function	
5	March	examples	
	(1-4)	revision	
		Inverse Hyperbolic Function	
		SUNDAY - 05.03.2023	
	Holi Va	acations - 05.03.2023 to 12.03.2023	
		Problems	
		Gregory's Series	
7	March	problems	
/	(13-18)	examples	
		Summation of series	
		Method of Difference	
SUNDAY - 19.03.2023			

		example			
8		C+iS method of Summation			
	March	Types of C+iS Method Problems			
_	(20-25)	Problem Discussion			
		SUNDAY - 26.03.2023			
	HOUD	V 23 03 2023 Shaheedi Diwas			
	HOLD	Divisibility			
	March	Principle of Mathematical Induction			
9	(27-31)	Examples			
-	April	Problems			
	(1)	Division Algorithm			
	HOL	IDAY - 30.03.2023 (Ram Navmi)			
		SUNDAY - 02.04.2023			
		Examples			
	A	Fundamental Theorem of Arithmetic			
9	April	Examples			
	(3-8)	Congruences			
		Linear Congruence			
	HOLID	AY - 04.04.2023 (Mahavir Jayanti)			
		SUNDAY - 09.04.2023			
		Diophantine Equation			
	April	Examples			
10	(10.15)	Problems			
	(10-15)	Problems			
		Fermat Theorem			
		SUNDAY - 16.04.2023			
	HOLIDAY - 1	14.04.2023 (DR.B.R.Ambedkar Jayanti)			
		Examples			
	April	Wilsons Theorem			
11	(17-21)	Examples			
	. ,	Problems			
Eulers Function					
	Haliday Id	SUNDAT - 25.04.2025			
		Examples			
		Problems			
	April (24-29)	Residue System			
12		Chinese Remainder Theorem			
	(= : = 5)	Examples			
		Quadratic Residue			
		SUNDAY - 30.04.2023			
		Theorems Based on Roots of a complex Number			
		Examples			
13	May	Quadratic Reciprocality Law			
10	(1-6)	Examples			
		Problems			
		Some Functions of Number Theory			
		SUNDAY - 07.05.2023			
		Greatest Integer Function			
	May	Examples			
14	iviay (0.12)	Anumetic Function			
	(0-13)	Mobius Function			
		Examples			
		SUNDAY - 14.05.2023			
	May	Test			
14	(15_16)	Revision			
	Examination 17.05.2023 Onwards				

LESSON PLAN

SESSION 2022-23 (01.02.2023 to 16.05.2023)

Weekly Lesson Plan Even Semester)

UG (II - Semester)

Name of the Paper:- Ordinary Differential Equations Class: B.Sc.-I

Name of the Teachers (Section Wise) : Ms. Kanak Sharma

WEEK	DATE	TOPICS	
	February	Introduction to Differential Equations, Types of Differential	
		Equations	
		Formation of Differential Equations and Geometrical	
1		Meaning	
	(1-4)	Theorems and Questions based on Formation of Differential	
		Eq.	
		Exact Differential Equations and Questions based on it	
	SUNDAY - 05	.02.2023 Holiday (Guru Ravidass Jayanti)	
		Discussion of Problems	
		Introduction to Equations of First Order but not of First	
		Degree	
	F - b -	Theorems based on Equations of First Order but not of First	
2	February	Degree	
	(6-11)	Methods of solving Equations of First Order with degree	
		higher than one	
		Solution of Equations solvable for x	
		Nethods of solving equations solvable for y and problems	
		SUNDAT - 12.02.2025	
		Problem discussion	
		Class Test	
	February	Introduction to Lagrange's Equation and method for solving	
3	(12-17)	such Equations	
	(13-17)	Introduction to Clairaut's Equation and method for solving	
		such Equations	
		equations reducible to clairadt's form and problems based	
	HOLI	DAY - 18.02.2023 (Maha Shivratri)	
		SUNDAY - 19.02.2023	
		Singular Solution, Discriminant, Questions related to p-	
		Discussion of Problems	
		Methods for finding Orthogonal Trajectories and Questions	
	February (20-25)	hased on it	
4		Discussion of Problems	
		Discussion of Problems	
		Introduction to Linear Differential Equations with Constant	
		Coefficients, Differential Operator	
		SUNDAY - 26.02.2023	
		Complete solution of Linear Differential Equations	
		Auxiliary Equations. Methods for finding roots of Auxiliary	
		Equations and Complete solution of Linear Differential	
		Equations	
	February	Inverse operator, Theorems based on Linear Differential	
E .	(27-28)	Equations.	
2	March	Problem Discussion	
	(1-4)	Introduction to the concent of Particular Integral and	
		discussion of different methods of finding Derticular Integral and	
		uiscussion of unterent methods of influing Particular Integral	
		Questions based on finding solutin of Linear Differential	
		Equation	
SUNDAY - 05.03.2023			
Holi Vacations - 05.03.2023 to 12.03.2023			

		Questions based on finding solutin of Linear Differential
7	March (13-18)	Equation
		Class Test
		Introduction to Homogeneous Linear Differential Equations
		Discussion of methods of solving Homogeneous Linear
		Differential Equations,
		Questions based on solution of Homogeneous Linear
		Differential Equations
	l	SUNDAY - 19 03 2023
		Equations reducible to Homogeneous Linear form
		Discussion of methods for solving Equations reducible to
		Homogeneous Linear form.
8	March	Definition of Linear Differential Equations of Second order
-	(20-25)	and its examples
		Solution of Linear Differential Equations of Second order by changing the dependent variable
		Question Discussion
	Į	SUNDAY - 26.03.2023
	HOLII	DAY 23.03.2023 Shaheedi Diwas
		Solution of Linear Differential Equations of Second order by
		changing the independent variable and problems related to
	March	it Broblem Discussion
9	(27-31)	Introduction to the method of Variation of Parameters
	April	Solution of Linear Differential Equations of Second order by
	(1)	the method of undetermined coefficients
		Different ways of finding solution of these equations,
		questions based on it and Discussion of Problems.
	пс	SUNDAY - 02.04.2023
	[Introduction to Ordinary Simultaneous Differential Equations-
		Definition and Examples
		Methods of solving Simultaneous Differential Equations with
	April	constant coefficients and questions related to it
9	(3-8)	Ouestion Discussion
	(0.0)	Solution of Simultaneous Differential Equations using
		Differential Operator
		Solution of Simultaneous Differential Equations using
	НОЦ	Differential Operator DAY - 04.04.2023 (Mahavir Javanti)
		SUNDAY - 09.04.2023
		Problem Discussion
		Class Test
	April	Solution of Simultaneous Differential Equations using
10	(10-15)	
	(10-13)	Discussion of some other methods for solving Simultaneous
		וע Interential Equations and questions related to it
		Discussion of problems
	НОПРАК	SUNDAY - 16.04.2023
	HOLIDAY	- 14.04.2023 (Dr.D.R.AMDECKAR Jayanti)
		Method of finding the second integral with the help of first
		integral
11	April	Discussion of Problems
	(17-21)	Total Differential Equations- Definition and Examples
		Theorem for the Integrability of Total Differential Equations
		and questions based on It Concept of Condition for Exactness
		SUNDAY - 23.04.2023
	Holiday I	d-Ul-Fitr/Parshuram Jayanti (Saturaday)
		Solution of Total Differential Equations by using method of
		inspection and problems related to it
		Discussion of Problems
12	April	variable as constant out of three variables
	(24-29)	Questions discussion
		Class Test
		Method for solving Homogeneous Equations and problems
		related to it
		JUNDAT - JU.04.2023

		Problem Discussion	
		Solution of Total Differential Equations by using method of	
		Auxiliary Equation	
13	May	Solution of Total Differential Equations by using method of	
15	(1-6)	Auxiliary Equation	
		Problem Discussion	
		Class Test	
		Revision	
	SUNDAY - 07.05.2023		
		Revision	
		Revision	
14	May	Revision	
14	(8-13)	Revision	
		Revision	
		Revision	
SUNDAY - 14.05.2023			
14	May	Revision	
14	(15-16)	Revision	
	E	xamination 17.05.2023 Onwards.	

LESSON PLAN

SESSION 2022-23 (01.02.2023 to 16.05.2023)

Weekly Lesson Plan Even Semester)

UG (II - Semester)

Name of the Paper:- Vector Calculus

Class: B.Sc. I

Name of the Teachers (Section Wise) : Shivani Mittal

WEEK	DATE	TOPICS
1	February (1-4)	Inroduction to Vectors
		Definitions and examples on Scalar Triple Product
		Properties of Scalar Triple Product
		Examples on related Topic
	SUNDAY	- 05.02.2023 Holiday (Guru Ravidass Jayanti)
		Examples on related Topic
		Definitions and examples on Vector Triple Product
2	February	Examples on related Topic
2	(6-11)	Examples on related Topic
		Properties of Scalar Triple Product
		Vector Product of four vectors
		SUNDAY - 12.02.2023
		Examples on related Topic
	February	More Examples
3	(12, 17)	Reciprocal System of Vectors : Definition and Some Results
	(13-17)	Properties of Reciprocal System of Vectors
		Examples on related Topic
	ŀ	IOLIDAY - 18.02.2023 (Maha Shivratri)
		SUNDAY - 19.02.2023
		More Examples
		Problems Discussion
4	February	Problems Discussion Test
4	February (20-25)	Problems Discussion Test Differentiation of Vectors
4	February (20-25)	Problems Discussion Test Differentiation of Vectors Theorem on Continuity of Vectors
4	February (20-25)	Problems Discussion Test Differentiation of Vectors Theorem on Continuity of Vectors Some more Theorems
4	February (20-25)	Problems Discussion Test Differentiation of Vectors Theorem on Continuity of Vectors Some more Theorems SUNDAY - 26.02.2023
4	February (20-25)	Problems Discussion Test Differentiation of Vectors Theorem on Continuity of Vectors Some more Theorems SUNDAY - 26.02.2023 Related Examples
4	February (20-25) February	Problems Discussion Test Differentiation of Vectors Theorem on Continuity of Vectors Some more Theorems SUNDAY - 26.02.2023 Related Examples Related Examples
4	February (20-25) February (27-28)	Problems Discussion Test Differentiation of Vectors Theorem on Continuity of Vectors Some more Theorems SUNDAY - 26.02.2023 Related Examples Related Examples Curves In Space
4	February (20-25) February (27-28) March	Problems Discussion Test Differentiation of Vectors Theorem on Continuity of Vectors Some more Theorems SUNDAY - 26.02.2023 Related Examples Related Examples Curves In Space Related Examples
4	February (20-25) February (27-28) March (1-4)	Problems Discussion Test Differentiation of Vectors Theorem on Continuity of Vectors Some more Theorems SUNDAY - 26.02.2023 Related Examples Related Examples Curves In Space Related Examples Related Examples Related Examples Related Examples
4	February (20-25) February (27-28) March (1-4)	Problems Discussion Test Differentiation of Vectors Theorem on Continuity of Vectors Some more Theorems SUNDAY - 26.02.2023 Related Examples Related Examples Curves In Space Related Examples Related Examples Related Examples Related Examples Related Examples
5	February (20-25) February (27-28) March (1-4)	Problems Discussion Test Differentiation of Vectors Theorem on Continuity of Vectors Some more Theorems SUNDAY - 26.02.2023 Related Examples Related Examples Curves In Space Related Examples Related Examples Related Examples Related Examples SUNDAY - 05.03.2023
5	February (20-25) February (27-28) March (1-4) Ho	Problems Discussion Test Differentiation of Vectors Theorem on Continuity of Vectors Some more Theorems SUNDAY - 26.02.2023 Related Examples Related Examples Related Examples Curves In Space Related Examples Related Examples Related Examples Related Examples Related Examples SUNDAY - 05.03.2023 to 12.03.2023
5	February (20-25) February (27-28) March (1-4) Ho	Problems Discussion Test Differentiation of Vectors Theorem on Continuity of Vectors Some more Theorems SUNDAY - 26.02.2023 Related Examples Related Examples Curves In Space Related Examples Related Examples Related Examples Related Examples SUNDAY - 05.03.2023 Vacations - 05.03.2023 to 12.03.2023 Total differentials of Vectors
5	February (20-25) February (27-28) March (1-4) Ho	Problems Discussion Test Differentiation of Vectors Theorem on Continuity of Vectors Some more Theorems SUNDAY - 26.02.2023 Related Examples Related Examples Curves In Space Related Examples Related Examples Related Examples Related Examples SUNDAY - 05.03.2023 Il Vacations - 05.03.2023 to 12.03.2023 Total differentials of Vectors Rules for finding Partial Derivative of Vectors
4	February (20-25) February (27-28) March (1-4) Ho	Problems Discussion Test Differentiation of Vectors Theorem on Continuity of Vectors Some more Theorems SUNDAY - 26.02.2023 Related Examples Related Examples Related Examples Related Examples Related Examples Related Examples Related Examples SUNDAY - 05.03.2023 Vacations - 05.03.2023 to 12.03.2023 Total differentials of Vectors Rules for finding Partial Derivative of Vectors Related Examples
4	February (20-25) February (27-28) March (1-4) Ho March (13-18)	Problems Discussion Test Differentiation of Vectors Theorem on Continuity of Vectors Some more Theorems SUNDAY - 26.02.2023 Related Examples Related Examples Related Examples Curves In Space Related Examples Related Examples Related Examples Related Examples SUNDAY - 05.03.2023 to 12.03.2023 It Vacations - 05.03.2023 to 12.03.2023 Total differentials of Vectors Rules for finding Partial Derivative of Vectors Related Examples The vector Differential Operator
4	February (20-25) February (27-28) March (1-4) Ho March (13-18)	Problems Discussion Test Differentiation of Vectors Theorem on Continuity of Vectors Some more Theorems SUNDAY - 26.02.2023 Related Examples Related Examples Curves In Space Related Examples Related Examples Related Examples Related Examples Related Examples Related Examples SUNDAY - 05.03.2023 Ii Vacations - 05.03.2023 to 12.03.2023 Iotal differentials of Vectors Rules for finding Partial Derivative of Vectors Related Examples The vector Differential Operator Gradient of a Scalar Field
4	February (20-25) February (27-28) March (1-4) Ho March (13-18)	Problems Discussion Test Differentiation of Vectors Theorem on Continuity of Vectors Some more Theorems SUNDAY - 26.02.2023 Related Examples Related Examples Curves In Space Related Examples SUNDAY - 05.03.2023 to 12.03.2023 Ii Vacations - 05.03.2023 to 12.03.2023 Total differentials of Vectors Rules for finding Partial Derivative of Vectors Related Examples The vector Differential Operator Gradient of a Scalar Field Properties of Gradient

		Related Examples			
8	March (20-25)	Problems Discussion			
		Examples on Level Surfaces			
		Divergence of a Vector function			
		Properties of Divergence			
SUNDAY - 26.03.2023					
	HOLIE	DAY 23.03.2023 Shaheedi Diwas			
	March	Related Examples			
	(27-31)	Related Examples			
9	(27 51) Anril	Curl of a Vector Point Function			
	(1)	Properties of Curl			
	(1)	Related Examples			
		HOLIDAY - 30.03.2023 (Ram Navmi)			
		SUNDAY - 02.04.2023			
		Laplacian Operator, Harmonic Function			
0	April	Related Examples			
5	(3-8)	Test			
		Curvilinear Co-ordinates			
	Н	IOLIDAY - 04.04.2023 (Mahavir Javanti)			
		SUNDAY - 09.04.2023			
		Arc length. Volume Element and area element			
	A	Arc length, Volume Element and area element			
10	April	Gradient, divergence and curl in terms of curvilinear co-ordinates			
	(10-15)	Gradient, divergence and curl in terms of curvilinear co-ordinates			
		Spherical Co-ordinates			
		SUNDAY - 16.04.2023			
	HOLIC	DAY - 14.04.2023 (DR.B.R.Ambedkar Jayanti)			
		Cylinderical Co-ordinates			
	April	Cylinderical Co-ordinates			
11	(17-21)	Vector Integration			
	. ,	Some Results for Integration			
	Holid	av Id-III-Eitr/Parshuram Javanti (Saturadav)			
	Tiolia	Some Results for Integration			
	April (24-29)	Related Examples			
		Line Integrals			
12		Line Integrals			
		Related Examples			
		Related Examples			
		SUNDAY - 30.04.2023			
		Problems Discussion			
		Test			
13	May	Related Examples			
	(1-6)	Volume Integrals			
		Volume Integrals			
		Gauss's divergence Theorem			
		Gauss's divergence Theorem			
	Mav	Some imp Deductions			
14	(8-13)	Some imp Deductions			
		Related Examples			
		Problems Discussion			
		SUNDAY - 14.05.2023			
1/	May	Problems Discussion			
14	(15-16)	Problems Discussion			
	Examination 17.05.2023 Onwards.				

LESSON PLAN

SESSION 2022-23 (01.02.2023 to 16.05.2023)

Weekly Lesson Plan Even Semester)

UG (II / IV / VI - Semester) :Second

Name of the Paper:- Properties of Matter and Kinetic Theory of Gases Class:BSC 1

Name of the Teachers (Section Wise) : Anjali Singla

WEEK	DATE	TOPICS
		Discussion of Semester Exams
	February	
1	(1-4)	
	SU	NDAY - 05.02.2023 Holiday (Guru Ravidass Jayanti)
		Rotation of rigid body, Moment of inertial, Torque, angular momentum,
		Kinetic Energy of Rotation
2	February	Theorem of perpendicular and parallel axes (with proof)
	(6-11)	
		SUNDAY - 12.02.2023
		cylinder
3	February	solid bar of rectangular cross-section, Fly wheel, Moment of inertia of an irregular body
	(13-17)	Acceleration of a body rolling down on an inclined plane.
		HOLIDAY - 18.02.2023 (Maha Shivratri)
		SUNDAY - 19.02.2023
		Elasticity, Stress and Strain, Hook's law, Elastic constant and their relations,
	February (20-25)	Poisson's ratio, Torsion of cylinder and twisting couple
Л		needle. Bending of beam (Bending moment and its magnitude
-		
	•	SUNDAY - 26.02.2023
		Cantilever and Centrally loaded beam
	February	Assignment 1 Discussion + Numericals
5	(27-28)	Determination of Young's modulus for the material of the beam
	March	
	(1-4)	
		SUNDAY - 05.03.2023
-		Holl vacations - 05.03.2023 to 12.03.2023
		Elastic constants for the material of the wire by Searle's method.
	March	Kinetic interpretation of Temperature Ideal Gas equation. Degree of freedom
7	(13-18)	
	()	
	I	SUNDAY - 19.03.2023

		Law of equinartition of energy and its application for specific heat of gases. Real gases
8	March	Vander wall's equation. Brownian motion(Qualitative)
		Conditional Test
	(20-23)	
		SUNDAY - 26.03.2023
	HOLIE	DAY 23.03.2023 Shaheedi Diwas
	March	Maxwell's distribution of speed and velocities (derivation required)
	(27-31)	Numerical Practices and doubt solving
9	April	Class Activity 1
	(1)	
	(-)	
		HOLIDAY - 30.03.2023 (Ram Navmi)
		SUNDAY - 02.04.2023
		DISCUSSION OF TEST
9	April	Numericals
5	(3-8)	
		HOLIDAY - 04.04.2023 (Mahavir Jayanti)
		SUNDAY - 09.04.2023
		most probable speed, average and
		r.m.s. speed
10	April	Doubt Solving
10	(10-15)	Assignment 2
		SUNDAY - 16.04.2023
	F	IOLIDAY - 14.04.2023 (DR.B.R.Ambedkar Jayantı)
		Discussion of Assignment 2
11	April	Class Activity 2
11	(17-21)	
		SUNDAY - 23.04.2023
		Holiday Id-Ul-Fitr/Parshuram Jayanti (Saturaday)
		Mean Free Path
		Transport of Energy
17	April (24-29)	Transport of Momentum
12		
		SUNDAY - 30.04.2023
		Numericals
	May	Diffusion of gases
13	(1 6)	
	(1-0)	
		SUNDAY - 07.05.2023
		Revision + Doubts +Numericals
14	May	
14	(8-13)	
		SUNDAY - 14.05.2023
14	May	Discussion
	(15-16)	Eventination 17 05 2022 Onwards
		Examination 17.05.2023 UNWards.

LESSON PLAN

SESSION 2022-23 (01.02.2023 to 16.05.2023)

Weekly Lesson Plan Even Semester)

UG (II - Semester)

Name of Paper :- Semiconductor Devices

Class: B.Sc (I)(Physics)

Name of the Teacher(Section wise) : Ms. Manisha

WEEK	DATE	TOPICS		
1		Unit I: Semiconductors		
	February	Energy bands in solids, Intrinsic and extrinsic semiconductors, carrier mobility and		
	(1-4)	electrical resistivity of semiconductors		
		Hall effect, p-n junction diode and their		
		SUNDAY - 05.02.2023 Holiday (Guru Ravidass Jayanti)		
		characteristics, Zener and Avalanche breakdown,		
		Zener diode, Zener diode as a voltage		
2	February	regulator. Light emitting diodes (LED)		
2	(6-11)			
		SUNDAY - 12.02.2023		
		Photoconduction in semiconductors, Photodiode,		
	Fobruary	Solar Cell,		
3	(12.17)			
	(13-17)			
		HOLIDAY - 18.02.2023 (Maha Shivratri)		
		SUNDAY - 19.02.2023		
		p-n junction as a rectifier, half wave and full wave rectifiers (with derivation)		
		filters		
4	February	Unit 2: Transistors		
4	(20-25)	Junction transistors, Working of NPN and PNP transistors, Three configurations of		
		SUNDAY - 26.02.2023		
		transistor (C-B, C-E, C-C modes)		
	February	Common base, common emitter and common		
5	(27-28)	collector characteristics of transistor, Constants of a transistor and their relation,		
5	March			
	(1-4)			
		SUNDAY - 05.03.2023		
		Holi Vacations - 05.03.2023 to 12.03.2023		
		Advantages and disadvantages of C-E configuration. D.C. load line		
		Transistor biasing		
7	March	various methods of transistor biasing and stabilization.		
	(13-18)			
	SUNDAY - 19.03.2023			

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	March (20-25)	Unit 3: Transistor Amplifiers
8		Amplifiers, Classification of amplifiers, common base
		common emitter amplifiers,
		SUNDAY - 26.03.2023
	нош	DAY 23.03.2023 Shaheedi Diwas
		coupling of amplifiers
	March	Conditional Test
٩	(27-31)	
5	April	
	(1)	
		LIQUIDAY 20.02.2022 (Dom Noumi)
		SUNDAY - UZ.U4.2023
		various methods of coupling, Resistance- Capacitance (RC)
	April	coupled amplifier (two stage, concept of band width, no derivation),
9	(3-8)	Feedback in amplifiers, advantages of negative feedback,
	(/	
		HOLIDAY - 04.04.2023 (Mahavir Jayanti)
	I	SUNDAY - 09.04.2023
		emitter follower, distortion in amplifiers.
	Anril	Numericals
10	(10-15)	
	(10-13)	
		SUNDAY - 16.04.2023
		HOLIDAY - 14.04.2023 (DR.B.R.Ambedkar Jayanti)
		Unit 4: Oscillators
	April	Oscillators, Principle of oscillation
11	(17.21)	classification of oscillators, Condition for self
	(17-21)	
		SUNDAY - 23.04.2023
		Holiday Id-Ul-Fitr/Parshuram Jayanti (Saturaday)
		sustained oscillation: Barkhausen criterion for oscillation,
		Tuned collector common emitter oscillator
12	April	, Hartley oscillator, C.R.O. (Principle and Working).
12	(24-29)	
		SUNDAY - 30.04.2023
		numericals
		Test
42	May	Revision
13	(1-6)	
_		SUNDAY - 07.05.2023
		Revision
		Revision
	May	Revision
14	(8-13)	
	(/	
		SUNDAY - 14.05.2023
	May	
14	(15-16)	
	(13-10)	Examination 17.05.2023 Onwards