

Summary of Lesson Plans of College Faculty

Name of the College G.C. Fulana (Final) Academic Session : 2017-18 Semester: Odd/Even

For the Month of Aug 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
	Sh. Jitender Kumar	Maths BA/B.Sc II	Partial diff Equation ch-5	Group Discussion of Partial diff. Eqn	Assignment of Partial diff Equations
		BA/B.Sc III	Interpolation with Equal interval ch-2	—	Assignment and Test given to the Students
			Interpolation with Equal unequal interval ch-3	—	
		B.Comist	Determinants and Matrices (Continued)	Group discussion of determinant and matrices	Test of determinant and matrices
		B.Sc III (Practicals)	Practical No. 3, 4, 5 from book with flow chart		assignment given for writing practical

h-a-j

Summary of Lesson Plans of College Faculty

Name of the College Govt. College, Tulana Academic Session : 2017-18 Semester: Odd/Even

For the Month of August 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
1.	Mrs. Amida	Mathematics (BSc./BA.1st) Calculus	Successive Differentiation Some general theorems on Differentiable functions and Expansions	Group Discussion	Test - Successive Differentiation
2.	"	BSc./BA.1st Algebra Mathematics	Orthogonal and unitary Matrices Characteristic Roots and Characteristic Values, Application of Matrices to solve system of Equations	"	Assignment - Characteristic Roots & Characteristic Values.
3.	"	BSc./BA.2nd Partial Differential Equations	Linear & Non-Linear P.D.E. of first order. Non-linear P.D.E. of first order.	"	Test - Non-linear P.D.E. of 1st order.
4.	"	BSc./BA.2nd Statics Mathematics	Parallel forces, Moments, Couples.	"	Test - parallel forces
5.	"	BSc./BA.3rd Group and Rings Mathematics	Cosets, Homomorphisms and Automorphisms	Class Seminars	Test - Cosets

Summary of Lesson Plans of College Faculty

Name of the College G.C. Tulana

Academic Session : 2017-18 Semester: Odd/Even

For the Month of August 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
	Mr. Amaryat Raw	English B.A.I	CH. 4th : The Generation Gap CH. 3rd: Are Dams the Temples of Modern India • Practice of speech sound. • Tenses + extended Grammar	1. Q.D on Generation Gap + the importance of Dams in Present Time. 2. Group Activity on Tenses	Test of question and Assignment on Text
		B-A-II	Poem: 2nd Know Then Thyself • 4th: The world is too much with us • Literary Terms • ode on American van	1. Q.D on The Role of Nature in our life. 2. Q.D on Paradox used in Know Then Thyself	Test on question based on poem and Assignment on Text
		B.A-III	Kanthapura CH 4 to 10 • Literary Terms	Q.D on questions based on Kanthapura Q.D: The Role of Freedom Fighters in Freedom Movement	Test of question based on Text Assignment on Text
		B.S.C.I			

Amaryat

Summary of Lesson Plans of College Faculty

Name of the College G.C. JULANA

B.Sc. V Sem
Academic Session : 2017-18 Semester: Odd/Even

For the Month of AUGUST 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
	PARVEEN	PHYSICS B.Sc. III	UNIT - II of PAPER I UNIT - III " " I.	Group Discussion	TEST- COMPTON Effect, Uncertainty Principle,
			[Application of Schrodinger	on important	De-Broglie Hypothesis
			Wave Equation) &	concepts and	& Application of Schrodinger Wave Eqs.
			Introduction, Properties	Test	
			and condition for		
			LASER.		

Parveen

Summary of Lesson Plans of College Faculty

Name of the College Julana

Academic Session : 2017-18 Semester: Odd/Even

For the Month of October 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
1.	<u>Rakesh Kumar</u>	<u>BSc III Chemistry</u>	1. Magnetic properties of metal complexes.	Science quiz.	Assignment of Unit I
			2. Magnetic susceptibility spin-coupling	Seminar on the Raman Spectroscopy	
			3. Electronic spectra of metal complexes.		
			4. NMR Spectroscopy		
			5. Carbohydrates.		

Adm

Summary of Lesson Plans of College Faculty

Name of the College G.C. Jalana Academic Session : 2017-18 Semester: Odd/Even For the Month of August 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
1	Dr. Jaybir Singh	Pol. S.	<u>BA Ist:</u> Preamble, FRights, Duties, Directive Principles, Union Executive and PM.	Monthly Test	Sources of Indian Constitution and Emergency Powers
			<u>BA IIrd:</u> Pol-Thoughts of Swami Dayanand DadaBhai Nauroji and G. K. Balchod.	- do -	Political and Social Ideas of Swami Dayanand.
			<u>BA IIIrd:</u> Development, Autonomy Debate, and Approaches to study International Relations.	- do -	Realistic Approach and Marxist-Leninist Approach

GWS
25/10/17

Summary of Lesson Plans of College Faculty

Name of the College Govt. College, Jalandhar Academic Session : 2017-18 Semester: Odd/Even ✓ For the Month of from 16th July 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
1.	Mrs Amrita	Mathematics (B.A/B.Sc.1st) Calculus	Limits, Continuity & Derivability	Group Discussion	Assignment Topic Derivability
2.	"	B.A/ B.Sc.1st/ Mathematics Algebra	Rank of Matrix, Matrices & Elementary Properties	"	Assignment Topic Matrices and its property
3.	"	B.Sc/B.A 2nd Mathematics Partial Diff Eqn	Introduction to Partial Differential Equations and their formation.	Class Debate	Formation of Partial Diff Equation.
4.	"	(B.Sc/B.A.2nd) Mathematics Statics	Forces acting at a point	"	Composition & resolution of forces
5.	"	(B.Sc/B.A.3rd) Mathematics Group and Rings	Groups and Subgroups	"	Group & its properties

Summary of Lesson Plans of College Faculty

Name of the College G.C. Indana Academic Session : 2017-18 Semester: Odd/Even For the Month of July 2017 (18/7/17 to 31/7/17)

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
1	Dr. Jagbir Singh	Pol. Sc.	BA 1st: Sources of Indian Constitution and Its Basic Features	—	—
			BA 2nd: Pol. Ideology of Raja Rammohan Rao.	—	—
			BA 3rd: Meaning, Nature, Scope and Importance of International Relations	—	—

JWS
25/7/17

Summary of Lesson Plans of College Faculty

Name of the College Govt College Jalandhar

Academic Session : 2017-18 Semester: Odd/Even

For the Month of July 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
	Sh. Jitender kumar	Maths	B.Sc II - Chapter 3 Indeterminant Form B.Sc III Limit difference operator ch-I	Group discussion in the class.	Test of indeterminate form (B.Sc II)
			B.Com Ist - Matrices (Algebra) Chapter 5 B.Sc III Practical :- Basic	-	Test of Matrices (B.Com Ist)
			Knowledge of Programming in C 1st and 2nd Practical with flowcharts will be completed	class Test after completion of chapter	-

h-a-t-a

Summary of Lesson Plans of College Faculty

Name of the College G. C. JULANA B.Sc. V ✓
 Academic Session : 2017-18 Semester: Odd/Even For the Month of JULY 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
	<u>PARVEEN</u>	<u>PHYSICS</u> <u>B.Sc. III</u>	UNIT- I of PAPER- I (Quantum Mechanics)		-
			Historical Background		
			and introduction to		
			Quantum Mechanics		

Law

Summary of Lesson Plans of College Faculty

Name of the College G.C. Jalandhar

Academic Session : 2017-18 Semester: Odd/Even ✓

For the Month of July, 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
1.	<u>Rakesh Kumar</u>	<u>B.Sc III Chemistry</u>	1. Quantum mechanics. 22 July to - 30 July.	—	—
			1.		

Rakesh

Summary of Lesson Plans of College Faculty

Name of the College G.C. Jalandhar Academic Session : 2017-18 Semester: Odd/Even

For the Month of July 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
	Mrs. <u>Amayjeet Kaur</u>	English	CH. 1 Speech Sound	Practice of Sounds	Board Test on
		B.A.I	CH. 2 Choosing our Universe.	· Vocabulary Exp. · Q.D. on Text & Grammar	Speech Sound
		B.A.II	Poem: 1st Sonnet XVIII · Literary Terms	Q.D. on Shakespeare & authors	Board Test on Transcription
		B.A.III	· Introduction to Kanchapure · CH. 1 to 3	Q.D. on Kanchapure & characters.	
		B.SC.I	Poem: 1st Let Me Not to the weakness of True kind & Phrasal verb	Q.D. on Poem Group activity on Phrasal verb	

Amayjeet

Summary of Lesson Plans of College Faculty

Name of the College Govt College, Jalandhar Academic Session : 2017-18 Semester: Odd/Even ✓

For the Month of November 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
		<u>Mathematics</u>			
1.	<u>Mrs. Amrita</u>	B.Sc/BA-1st Calculus	Quadrature, volumes & surfaces of solids of Revolution	Group Discussion	Test → Quadrature & Revision
2.	"	B.Sc/BA-1st Algebra	Roots of cubic and Biquadratic Equations.	"	Test → Roots of cubic & Biquadratic Eq ⁿ & Revision
3.	"	B.Sc/BA-2nd Partial Diff Eq ⁿ	Method of separation of variables Sol ⁿ of wave eq ⁿ , Heat Equation & Laplace Eq ⁿ in Cartesian Coordinates	"	Test → Heat Equation & Revision
4.	"	B.Sc/BA-2nd Statics	Null Lines & Null Planes Stable, Unstable & Neutral Equilibrium.	Class Debate	Test → Null Lines & Null Planes & Revision
5.	"	B.Sc/BA-3rd Group & Rings.	Euclidean Rings	"	Test → Euclidean Rings & Revision

Summary of Lesson Plans of College Faculty

Name of the College G. C. Jhalana

Academic Session : 2017-18 Semester: Odd/Even

For the Month of November 2017 (01/11/17 to 12/11/17)

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
1	Dr. Jagbir Singh	B.A. Sc.	B.A. Hl: Whole Syllabus As Revision	Daily Tests to be taken	Topics from Beginning to End According to syllabus.
			<u>B.A. Ind</u> = do -	= do -	= do -
			<u>B.A. Ind</u> = do -	= do -	= do -
Note: December-2017 - Examiners days.					

B. K. S.
25/10/17

Summary of Lesson Plans of College Faculty

Name of the College G.C. Jalandhar

Academic Session : 2017-18 Semester: Odd/Even

For the Month of Nov 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
	<u>Titender Kumar</u>	<u>Maths</u>	<u>B.Sc II Chapter 9, 10, 11 will be covered.</u>	<u>class Test after Completion of</u>	<u>Test of Chapter 9, 10 will be given</u>
			<u>B.Sc III Real Analysis Ist and IInd Chapter</u>	<u>each chapter class Test.</u>	
			<u>B.Sc I:- Ch-04 and Ch-09 will be covered and Revision</u>		<u>Test of Ch-04 and Ch-09 will be given</u>
			<u>B.Sc III Practicals and Revision of Numerical Analysis</u>	<u>Viva discussion for Practicals</u>	<u>Test of Numerical Analysis of Chapter Numerically Solu. of O.D.E.</u>

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Summary of Lesson Plans of College Faculty

B.Sc. V

Name of the College G.C. JULANA

Academic Session : 2017-18 Semester: Odd/Even

For the Month of NOVEMBER 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
	<u>PARVEEN</u>	<u>PHYSICS</u> B. Sc. III	UNIT - IV of PAPER - II NUCLEAR PHYSICS	Test	TEST - Types of Nuclear Reactions & Q-value.
			Types of Nuclear Reactions , Q-value		
			& Nuclear fusion & nuclear fission Reactors		

Parveen

Summary of Lesson Plans of College Faculty

Name of the College Juhal

Academic Session : 2017-18 Semester: Odd/Even

For the Month of November 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered <u>Nov-1 to 13</u>	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
1	<u>Rakesh Kumar</u>	<u>B.Sc III Chemistry</u>	1. Carbohydrates - II 2. Organometallic compounds.	Group discussion	Assignment of Unit III & IV

Signature

Summary of Lesson Plans of College Faculty

Name of the College G.C. Tulana Academic Session : 2017-18 Semester: Odd/Even

For the Month of November 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
	<u>Amarjeet Kaur</u>	<u>English</u> <u>B.A.I</u>	<u>Revision of the Syllabus</u>	<u>class Test on Tenses, questions on topics + Board Test</u>	<u>Study of Practice of Last year paper</u>
		<u>B.A.II</u>	<u>Revision of the Syllabus</u>	<u>Study of the Last year question paper, Board Test on Grammar topics</u>	
		<u>B.A.III</u>	<u>Revision of the Syllabus</u>	<u>Board Test and oral Test of Grammar topics + questions</u>	<u>Study of Last year paper</u>
		<u>BSC.I</u>	<u>Revision of the Syllabus</u>	<u>Discussion on topics of Grammar, Board Test + Dictation</u>	
				<u>Practice of Last year papers.</u>	

Summary of Lesson Plans of College Faculty

Name of the College G.P. Jalandhar

Academic Session : 2017-18 Semester: Odd/Even

For the Month of October 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
1	Dr. Jagbir Singh	Pol-Sc.	<u>BA-Ist:</u> Judiciary System in India (Unit IV)	Monthly Test	Sources of Indian Constitution (1st Unit)
			<u>BA-IInd:</u> Pol. Ideas of Lala Lajpat Rao and Balgangadhar Tilak	Monthly Test	(From 1st Unit) (Meaning, Nature, Scope and Importance of Internal Relations)
			<u>BA-IIIrd:</u> Collective Security, Environment and Globalization.	Monthly Test	Raja Ram Mohan Rao as a Social Reformer (1st Unit)

Jus
25/10/17

Summary of Lesson Plans of College Faculty

Name of the College GIC Jalandhar

Academic Session : 2017-18 Semester: Odd/Even

For the Month of Oct 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
	<u>Tilendra Kumar</u>	<u>Maths</u>	B.Sc II Maxima minima of the function Ch-07, Ch 1, 2, 8 will be Covered.	<u>Science</u> <u>Quiz</u> <u>Competition</u> <u>Will be</u> <u>organised</u>	Assignment of Chapter 1, 2 will be given.
			B.Sc III Eigen value Problem. Numerically stated Solution of O.D.E Chapter 6, 7		
			B. Com Ist I - Sequence & Series Arithmetic & Geometric Progressions Differentiation will be covered		Test and Assignment of Sequence & Series will be taken.
			B. SC III 9, 10 Practical from Test book will be covered and Revision of all Practicals		Checking of Practical file will be done.

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Summary of Lesson Plans of College Faculty

Name of the College G.C. JULANA

B.Sc. IV Sem

Academic Session : 2017-18 Semester: Odd/Even

For the Month of OCTOBER 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
	PARVEEN	PHYSICS B. Sc. III	UNIT - II & UNIT - III Of PAPER - II (NUCLEAR PHYSICS)	Presentation	Assignment - LINEAR Accelerator
			[Types of Radio activity	Test	Cyclotron,
			with its type of	and	Betatron,
			interaction with matter	Assignment	Tandem Accelerator.
			and Energetics)		Test → Unit I &
			And		Unit - II
			Particle Accelerators		of Nuclear
			&		Physics
			Particle Detectors		

Parveen

Summary of Lesson Plans of College Faculty

Name of the College Jalana

Academic Session : 2017-18 Semester: Odd/Even

For the Month of September 2017

No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
1.	Rakesh Kumar	B.Sc III Chemistry	1. Raman Spectroscopy. 2. Metal ligand bonding in transition metal complexes. 3. Valence bond theory. 4. Crystal field theory. 5. Octahedral, tetrahedral and square planar complexes. 6. Thermodynamic & kinetic aspects of metal complexes. 7. Trans effect.	Science essay writing competition Group discussion of crystal field theory	Test on Quantum Mechanics

RK

Summary of Lesson Plans of College Faculty

Name of the College Govt. College, Tulana

Academic Session : 2017-18 Semester: Odd/Even ☒ Odd

For the Month of October 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
		(Mathematics)			
1.	Mrs. Ananta	BSC/BA 1st Calculus	Singular Points, Curve Tracing Reduction formula, Rectification	Class Seminars	Test → Reduction formula
2.	"	BSC/BA 1st Algebra	Relation Between the roots and Co-efficients of $ax^2+bx+c=0$ Transformation of Equations Descartes's Rules of Signs	"	Test → Transformation of Equations
3.	"	BSC/BA 2nd Partial Diff Eqn	Monge's method, Characteristic Equations, Characteristic Curves and Cauchy's Problems	Group Discussion	Assignment → Monge's method
4.	"	BSC/BA 2nd Statics	Virtual work, Forces in three Dimensions, wrenches	"	Test → Virtual work
5.	"	B.SC/BA 3rd Group of Rings	Homomorphisms of Rings Polynomial Rings	"	Assignment → Polynomial Rings

Summary of Lesson Plans of College Faculty

Name of the College G.C. Jalandhar Academic Session : 2017-18 Semester: Odd/Even For the Month of October 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
		B.A-I	Chapter : 8th, 9th and 10th with detail study of question, vocab ex. and extended exercises.	Q.D on Text topics	Assignment Test on Grammar
		B.A-II	Poem: 8th, 9th, 10th + Literary Term.	Q.D on Adverb Preposition etc.	Assignment Test on Grammar
		B.A-III	CH: 16 to 19 with detail study of question & ex. Paragraph writing + Transition words & Phrases.	Q.D on Paragraph Types of Texts	Assignment Test on Text
		B.Sc-I	Translation Paragraph writing - Common Error.	Q.D on Current Topics.	Assignment Test

Amarejit

Summary of Lesson Plans of College Faculty

Name of the College G. C. Tulang

Academic Session : 2017-18 Semester: [✓] Odd/Even

For the Month of July 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
		<u>Economics</u>			
	<u>Dr. PARTIBHA DEVI</u>	<u>B.A. I</u>	<u>Nature & Scope of Economics</u> <u>The Economic Problem: scarcity & choice</u>	<u>Group discussion on Problem of choice</u>	<u>—</u>
		<u>B.A. II</u>	<u>Introduction to Macroeconomics</u> <u>Circular Flow of Income</u>	<u>Group discussion on National Income</u>	<u>Test - Circular flow of Income.</u>
		<u>B.A. III</u>	<u>Economic Development</u> <u>Determinants of Development</u>	<u>GD on Economic Development</u>	<u>Test - Determinants of Development</u>
		<u>B.Com. I</u>	<u>Nature & Scope of Economics</u> <u>Micro & Macro Economics</u>	<u>—</u>	<u>Test - Nature and Scope of micro & macro</u>
					<u>Pastiblu</u>

Summary of Lesson Plans of College Faculty

Name of the College G.C. Tulona

Academic Session : 2017-18 Semester: [✓] Odd/Even

For the Month of August 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
		<u>Economics</u>			
	<u>Dr. PARTIBHA DEVI</u>	B.A. I	Economic Systems, Theory of Demand Utility Analysis and Consumer Equi. Indifference Curves Analysis	Group discussion by students on different Topics of Syllabus	Test - Theory of Demand Indifference Curves.
		B.A. II	Concept and Measurement of National Income, Classical Theory of Employment Say's Law of Market		Test - Classical Theory
		B.A. III	Lewis Model, Leibenstein's critical min. Effort Thesis, Import Substitution Strategy of Development, Shumpeter's model Capital Formation and Economic Dev.		Test - Minimums Effort Theory, Capital Formation and Economic development
		B. com. I	Theory of Demand, cardinal Utility, Indifference curve Approach, Production function and Law of Production		Test - Production function and Law of Production.
					<u>Partibha</u>

Summary of Lesson Plans of College Faculty

Name of the College G.C. Tulana

Academic Session : 2017-18 Semester: Odd/Even

For the Month of September 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
		<u>Economics</u>			
	Dr. <u>PARTIBHA DEVI</u>	B.A. I micro Eco	Consumer's Surplus, Production function and Law of Production, Isoquant and Isocost Lines, Producer's Equilibrium	Group discuss in by students on different Topics of syllabus which is covered in this Time period.	Assignment: Law of Equi-Marginal Utility + Test Law of Demand.
		B.A. II Macro Eco	Keynesian Theory of Income and Employment, consumption function		Assignment: Classical Model of Income and Employment → Test Law of Say
		B.A. III Economic Dev. & Policy in India	Role of Tech. and Institutional factor in Economic Development, Economic Reforms and Indian Economy, The Issue of Sustainability in Economic Development		Assignment: Development with Unlimited Supply of Labor + Test Economic Development & Growth (test)
		B.Com. I micro Eco	Theory of costs Price determination under Perfect competition		Assignment: Law of Variable Proportion + Test I.C.
					<u>Partishan</u>

Summary of Lesson Plans of College Faculty

Name of the College G.C. Jyoti

Academic Session : 2017-18 Semester: Odd/Even

For the Month of October 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
		<u>Economics</u>			
	<u>Dr. PARTI BHADANI</u>	B.A. I	Supply and Elasticity of supply Theory of Cost	G.D. on Supply Topic	Assig: Elasticity of Demand (Measurement) + Test Cost
		B.A. II	Investment function Marginal Efficiency of Capital	—	Assig: Keynesian Theory of Employment & Income.
		B.A. III	Population - A challenge for India's development, Some Issues of Population Growth in India, Employment and Unemployment in India	G.D. on Employment & Unemployment	Assignment: Economic Reform in India + Minimum Effort Test
			Saving and Investment in India		
		B.com I	Equi. of Firm and Industry under perfect competition, Price determination Under Monopoly	G.D. on monopoly and P.C.	Assignment: Law of Equimarginal utility + Test Law of variable
					<u>Particulars</u>

Summary of Lesson Plans of College Faculty

Name of the College G. C. Jalandar

Academic Session : 2017-18 Semester: Odd/Even ✓

For the Month of November 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
		<u>Economics</u>			
	Dr. PARTIBHA DEVI	B.A. I	Concept of Revenue, Break Even Analysis, its uses Case Studies		Tests have been taken from the whole syllabus
		B.A. II	Case Studies Revision	Group discussion & notes are prepared by the students of their syllabus	Tests - Case study
		B.A. III	Economic Planning In India Resource Mobilisation for Planning Revision		Tests of whole syllabus for Revision
		B.Com I	Price determination Under Monopolistic Competition Revision		Tests of whole syllabus for the whole syllabus for Revision
					Partibha

Summary of Lesson Plans of College Faculty

Name of the College G.C. Jalana

Academic Session : 2017-18 Semester: Odd/Even

For the Month of Sept 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
	<u>Jitendra Kumar</u>	<u>maths</u>	B.Sc II - chapter 4, 6, 7 B.Sc III - chapter 4, 5 Central diff interpolation formula and Probabilities	class Test after Completion of each chapter	Test of chapter 4, 6, 7 will be conducted Test of chapter 4, 5 will be taken
			B.Sc IV Revison of ch 4, 5, 6, 7 <u>Logarithmics ch 1</u> and chapter 8	— Group Discussion in class	Test and assignment of logarithmics
			B.Sc IV 6, 7, 8 Practical with flow charts	—	Assignment for Preparing Practical
			of Text books Numerical Analysis.	—	and Test given will be given

h-gtz

Summary of Lesson Plans of College Faculty

Name of the College G.C. JULANA

B.Sc. V Sem
Academic Session : 2017-18 Semester: Odd/Even

For the Month of SEPTEMBER 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
	<u>PARVEEN</u>	<u>PHYSICS</u> <u>B. Sc. III</u>	UNIT- IV of PAPER- I UNIT- I of PAPER- II	Group Discussion	Assignment- Einstein Coefficient
			[Applications of LASER & Types of LASER]	& Presentation	Threshold condition & kinetics of optical absorption of LASER.
			And. Introduction to nuclear physics, basic properties,	Test	TEST → Complete Paper- I
			Binding Energy & Mass spectrographs.		

Parveen

Summary of Lesson Plans of College Faculty

Name of the College Jalana

Academic Session : 2017-18 Semester: Odd/Even

For the Month of August 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
1.	Rakesh Kumar	Chemistry B.Sc II	1. Physical Properties. • Magnetic moment • Dipole moment.	Group discussion on Spectroscopy	—
			2. Basics of Spectroscopy. • Microwave Spectroscopy • Infra red Spectroscopy.		

OK

Summary of Lesson Plans of College Faculty

Name of the College Govt. College, Jalandhar Academic Session : 2017-18 Semester: ✓ Odd/Even For the Month of September 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
		<u>(Mathematics)</u>			
1.	<u>Mrs Amrita</u>	BSc/BA-1st Calculus	Asymptotes, Curvature	Class Debate	Assignment → Asymptotes
2.	//	B.Sc/BA-1st Algebra	Bilinear and Quadratic forms General Properties of Polynomials and Equations	//	Test → General Quadratic forms
3.	//	BSc/BA-2nd Partial Diff Eqn	L.P.D.E. of Second & Higher order Classification of L.P.D.E. of 2nd order & their Reduction to Canonical form	//	Assignment → L.P.D.E. of 2nd & higher order
4.	//	BSc/BA-2nd Group Statics	Analytical conditions of Equilibrium of Coplanar forces, friction, Centre of Gravity	Group Discussion	Assignment → Centre of gravity
5.	//	BSc/BA-3rd Group & Rings	Permutation Groups, Rings and Fields, Ideals and Quotient Rings	//	Assignment → Permutation Groups

Summary of Lesson Plans of College Faculty

Name of the College G.C. Jalandhar

Academic Session : 2017-18 Semester: Odd/Even

For the Month of September 2017

S. No	Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
1	Dr. Jagbir Singh	Pol-Sc	<u>BA-Ist</u> : State Executive, Parliament, Process of Amendment, State Legislature	Monthly Test	Lok Sabha: Functions, Role and Powers of Governor.
			<u>BA IIInd</u> : Remaining Part of G.K. Gokhale, Pol. Ideas of Swami Vivekanand and Ambedkar Ghosh.	- do -	Pol. Ideas of Lalaji Prasad Rao.
			<u>BA-IIIrd</u> : National Power, Balance of Power, and its Limitations.	- do -	Environmental Protection Efforts in India.

Aug 29/17

Summary of Lesson Plans of College Faculty

of the College G.C. Indana Academic Session : 2017-18 Semester: Odd/Even

For the Month of September 2017

Name of Assistant Professor	Subject	Topics/ Chapters to be covered	Academic activity to be organized	Topic of Assignments/ tests to be given to the Students
Amarjeet Kaur	English B.A-I	Chapter 5th and 6th with question & Exercise Ch. 7th with vocabulary ex & extended grammar	G.D on the Text and author G.D on various topics of Grammar	Test on Grammar Tenses & Transcutions Assignment on Composition
	B.A-II	Poem: 5th, 6th and 7th with detail discussion of the questions, extended grammar - Literary Terms etc.	G.D on poem	Test on Literary Terms & clause Assignment on Proposition
	B.A-III	Ch. 11 to 15 with detail study of questions + Types of Tenses / Literary Terms	G.D on Kanthapura Group Activity on Tenses	Test of question Assignment on Literary Terms
	B.Sc-I	Shadwell / Know Then Thyself Common Errors	G.D on Poem G.D on Grammar	Assignment on Grammar

Amarjeet

LESSON PLAN

Name of Teacher - Dr. Neha Mittal

Subject: Mathematics

Paper - Advanced Calculus

Class - B.A II & B.Sc II

Session:- 2019-20

Weeks With Months	Contents
JUL 16-20	Continuity, sequential continuity,
JUL 22-27	Properties of continuous functions, Uniform continuity, chain rule of differentiability
JUL 29- AUG 03	Mean value theorem, Rolle's theorem and Lagrange's mean value theorem and geometrical representation
AUG 5-10	Taylor's thm with various form of remainders
AUG 12-17	Cauchy intermediate value theorem for derivatives
AUG 19-24	Indeterminate forms Assignment - 1
AUG 26-31	Limit and Continuity of real valued functions of two variables
SEP 2-7	Partial differentiation, Total differentials Composite functions and implicit functions
SEP 9-14	Change of variables, Homogeneous functions and Euler's thm
SEP 16-21	Taylor's thm for function of two variables Assignment - 2
SEP 23-28	Differentiability of real valued functions of two variables, Schwarz and Young's thm
SEP 30- OCT 5	Implicit function theorem, Maxima, Minima and Saddle points of two variables.
OCT 7-12	Lagrange's method of multipliers. Unit Test
OCT 14-19	Curves: Tangents, Principal normal, Lineals serret - Frenet formulae
OCT 21-26	Locus of the centre of curvature, spherical curvature, locus of centre of spherical curvature
OCT 31- NOV 2	Involute, Evolute, Astroid curve, surfaces, Envelopes
NOV 4-9	Revision
NOV 11-18	,

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LESSON PLAN

Name of Teacher - Dr. Neha Mittal
 Paper - Business Mathematics
 Class - B.Com I

Subject: - Mathematics

Session:- 2019-20

Weeks With Months	Contents
JUL 16-20	Definition of a matrix. Types of matrices
JUL 22-27	Algebra of matrices, Properties of determinants
JUL 29-AUG 03	Values of determinants upto third order Adjoint of a matrix.
AUG 5-10	Elementary row or column operations, Inverse of a matrix through adjoint.
AUG 12-17	Inverse through row or column operations sol. of system of linear equations having
AUG 19-24	unique solution and involving not more than three variables, Assignment - 1
AUG 26-31	certain different types of interest rates, Concept of present value and amount of sum
SEP 2-7	Types of annuities, Present value and amount of an annuity
SEP 9-14	Including the case of continuous compounding valuation of simple loans and debentures
SEP 16-21	Problems relating to sinking funds, Assignments - 2
SEP 23-28	Logarithms, Antilogarithms
SEP 30- OCT 5	do
OCT 7-12	A.P & G.P series Unit - TEST
OCT 14-19	Simple derivative of different functions, Rule of differentiation
OCT 21-26	Maxima and minima of functions of one variable
OCT 31-NOV 2	Relating to cost, revenue and profit
NOV 4-9	Revision
NOV 11-18	Revision

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LESSON PLAN

Name of Teacher - Dr. Neha Mittal
 Paper - Groups and Rings
 Class - B.A III & B.Sc III

Subject: - Mathematics

Session:- 2019-20

Weeks With Months	Contents
JUL 16-20	Definition of a group
JUL 22-27	Simple properties of groups, subgroups and subgroup criteria
JUL 29- AUG 03	Generation of groups, cyclic groups
AUG 5-10	Cosets, left and right cosets, Index of a subgroup, coset decomposition
AUG 12-17	Lagrange's theorem and its consequences
AUG 19-24	Normal subgroup, quotient groups
AUG 26-31	Assignment - 1
SEP 2-7	Homomorphism, Isomorphism, Automorphism and inner automorphism of a group
SEP 9-14	Automorphism of cyclic groups. Permutation group, even and odd permutation
SEP 16-21	Alternating group, Cayley's theorem
SEP 23-28	Centre of a group and derived group of a group, Assignment - 2
SEP 30- OCT 5	Introduction to rings, subrings
OCT 7-12	Integral domain and fields, characteristic of a ring, Ring Homomorphism
OCT 14-19	Ideals and quotient rings, Fields of quotients of an integral domain, Unit Test
OCT 21-26	Euclidean rings, Polynomial rings, Polynomial over the rational field
OCT 28-NOV 2	Eisenstein's criterion of irreducibility, Polynomial rings over commutative rings
NOV 4-9	Unique factorization domain, R UFD implies so is $R[X, x_1, \dots, x_n]$
NOV 11-18	Revision

Neha
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LESSON PLAN

Name of Teacher - Dr. Neha Mittal

Paper - Algebra

Class - D.A.T & B.Sc.T

Subject: - Mathematics

3 days in a week

Session:- 2019-20

Weeks With Months	Contents
JUL 16-20	Symmetric, skew symmetric matrix
JUL 22-27	Hermitian and skew Hermitian matrix, Elementary operations on matrices
JUL 29- AUG 03	Rank of a matrix
AUG 5-10	Inverse of a matrix Linear dependence and Independence of rows and columns of matrix
AUG 12-17	Row rank and column rank of a matrix, Assignment - 1
AUG 19-24	Eigen values, Eigen vectors
AUG 26-31	Characteristic equation of a matrix
SEP 2-7	Minimal polynomial of a matrix, Cayley Hamilton theorem
SEP 9-14	How are we in finding inverse of a matrix. Assignment - 2
SEP 16-21	Applications of matrices to a system of linear equations
SEP 23-28	Theorem on consistency of a system of linear equations
SEP 30- OCT 5	Unitary and orthogonal Matrices
OCT 7-12	do
OCT 14-19	Bilinear and quadratic forms
OCT 21-26	do
OCT 31-NOV 2	Revision
NOV 4-9	do
NOV 11-18	do

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Lesson Plan

Teacher 's Name –Mrs. Neeraj Dhania

Session-2020-2021

Class- B.A.Final

Subject-English

Weeks with Months	Contents
Aug 4-8	Students will be informed about the syllabus and introduction of novel and novelist.
Aug 10-15	Brief Summary of the novel Kanthapura, discussion about novel and its forms, characters in the novel.
Aug 17-22	Explanation of chapter-1, Short Questions, phonetic transcription, Historical Novel.
Aug 24-29	Explanation of chapter-2, Short Questions, Conversion of sentences, Realistic Novel.
Aug 31-Sep 05	Explanation of chapter-3, Short Questions, Word accent and its grammatical functions
Sep 07-12	Explanation of chapter-4, Short and long questions Picaresque novel, literary terms.
Sep 14-19	Explanation of chapter-5, Short questions ,Weak forms in English pronunciation.
Sep 21-26	Explanation of chapter-6 ,Short questions ,Epistolary novel, literary terms.
Oct 28-03	Explanation of chapter-7, Short and long questions, Intonation and its tones.
Oct 05-10	Explanation of chapter-8, Short questions, Literary terms, Novel of manners.
Oct 12-17	Explanation of chapter-9 ,Short questions, Transitional Words and Phrases.
Oct 19-24	Explanation of chapter-10, Short questions ,Literary terms, 1 st assignment given.
Oct 26-31	Explanation of chapter-11 ,Short questions, Conditional Clauses, THE ROMANCE
Nov 02-07	Explanation of chapter-12, Short questions, Defining and Non-Defining clauses
Nov 9-13	Explanation of chapter-13 ,Short and long questions ,Gothic novel.

Nov 16-21	Explanation of chapter-14 ,Short questions, Literary terms
Nov 23-28	Explanation of chapter-15 ,Short and long questions ,Test.
Nov 30- Dec05	Explanation of chapter-16, Short questions, Science Fiction
Dec 07-12	Explanation of chapter-17, Short questions ,Literary terms,2 nd assignment given.
Dec 14-19	Explanation of chapter-18 ,Short and long questions Psychological novel.
Dec 21-26	Explanation of chapter-19, Novella, Intellectual novel , Detective Fiction, Regional novel.
Jan 28-02	Explanation of remaining chapters of novel, Bildungsroman and literary terms.
Jan 4-9	Revision o f Syllabus
Jan 11-16	Revision o f Syllabus
Jan 18-23	Revision o f Syllabus
Jan 25-30	Revision o f Syllabus

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Summary of Lesson Plan

(Odd semester of Session 2020-21)

Name of College: Government College, Julana

Name of Assistant/Associate Professor: VIJENDER KUMAR

Class: B.A. 3rd Year

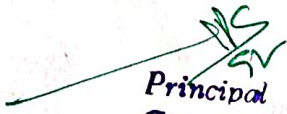
Name of Subject: Geography

Paper: Economic Geography

Weeks	Subject Matter
16 th - 21 st Nov.2020	Nature & Scope of Economic geography
23 rd - 28 th Nov.2020	Classification of Economic activities and their impact on environment.
30 th Nov. - 05 th Dec.2020	World natural resources
07 th - 12 th Dec.2020	Conservation and Utilization of natural resources.
14 th - 19 th Dec.2020	Spatial distribution of food, commercial and plantation crops.
21 st - 26 th Dec.2020	Classification of mineral resources (ferrious and non- ferrious)
28 th Dec. - 02 nd Jan.	Distribution and production of coal, iron ore
04 th - 09 th Jan.2021	Petroleum and natural resources
11 th - 16 th Jan.2021	Classification of industries
18 th - 23 rd Jan.2021	Trans, Communication
25 th - 30 th Jan. 2021	Trade
February 2021	Revision


(VIJENDER KUMAR)

Dept. of Geography
G C Julana


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Julana (Jind)

Name of Teacher - *MAHILAL*

Subject - *HINDI*

Paper - *HINDI*

Class - *B.A. 2nd - A, B, C*

Session *2020-21*

Weeks With Months	Contents
AUG 4-8	'हरिऔध' का साहित्यिक परिचय एवं 'पवनदूती' कविता की सप्रसंग व्याख्या।
AUG 10-15	'पवनदूती' की सप्रसंग व्याख्या एवं प्रश्नोत्तर।
AUG 17-22	'मैथिलीशरण गुप्त' का साहित्यिक परिचय एवं 'जयद्रथ बध' की सप्रसंग व्याख्या।
AUG 24-29	'भारत-भारती' व 'सन्देश' यहाँ मैं नहीं खर्ग का लाया' सप्रसंग व्याख्या एवं प्रश्नोत्तर।
AUG 31- SEP 5	'जयशंकर प्रसाद' का साहित्यिक परिचय एवं 'आनंदसर्प' की सप्रसंग व्याख्या।
SEP 7-12	'आँख' कविता की सप्रसंग व्याख्या एवं प्रश्नोत्तर।
SEP 14-19	'सूर्यकांत त्रिपाठी 'निराला' का साहित्यिक परिचय एवं 'विधवा, बादल राग' की सप्रसंग व्याख्या व प्रश्नोत्तर।
SEP 21-26	'जागो फिर एक बार' वह तोहरी पत्थर' की सप्रसंग व्याख्या एवं प्रश्नोत्तर।
SEP 28- OCT 3	'महादेवी वर्मा' का साहित्यिक परिचय कह दें मैं अब क्या देखें 'कोन तम मेरे हृदय में' सप्रसंग व्याख्या व प्रश्नोत्तर।
OCT 5-10	'दुख की बदली' वे मुस्काने फूल नहीं' सप्रसंग व्याख्या व प्रश्नोत्तर।
OCT 12-17	'रामधारी सिंह 'दिनकर' का साहित्यिक परिचय एवं 'कुरुक्षेत्र' की सप्रसंग व्याख्या।
OCT 19-24	'कुरुक्षेत्र' की सप्रसंग व्याख्या एवं प्रश्नोत्तर।
OCT 26-31	'भारत भूषण अग्रवाल' का साहित्यिक परिचय एवं 'आने वालों से एक सवाल' सप्रसंग व्याख्या।
NOV 2-7	'कविता - 'दूंगा मैं', 'फूल के बोल' सप्रसंग व्याख्या एवं प्रश्नोत्तर।
NOV 9-14	ऐतिहासिक हिन्दी कविता की पृष्ठ श्रष्टि व नामकरण।
NOV 16-21	ऐतिहासिक :- प्रवृत्तियाँ
NOV 23-28	ऐतिहासिक काल, ऐतिहासिक काल प्रवृत्तियाँ
NOV 30- DEC 5	ऐतिहासिक काल प्रवृत्तियाँ एवं अतिलघुशालक प्रश्नोत्तर।
DEC 7-12	ऐतिहासिक काल की उपलब्धियाँ
DEC 14-19	अतिलघुशालक एवं लघुशालक प्रश्न

DEC 21-26	कम्प्यूटर : स्वरूप और महत्व
DEC 28- JAN 2	ई-मेल : प्रेषण-ग्रहण
JAN 4-9	इंटरनेट : स्वरूप और उपयोगिता
JAN 11-16	मशीनी अनुवाद, अनुवाद परिभाषा और स्वरूप
JAN 18-23	आधुनिक हिन्दी कविता दोहराई
JAN 25-30	हिन्दी साहित्य ऐतिहासिक दोहराई


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Name of Teacher - B.S.C. MAMTA

Subject - Hindi

Paper - Hindi

Class - B.S.C. 2nd

Session - 2020-21

Weeks With Months	Contents
AUG 4-8	हिन्दी पाठ्य पुस्तक 'आविर्भाव का पथ' परिचय
AUG 10-15	परिचय, मैथिली शरण, मनु, राजाहेलिक परिचय कविता - मातृ भक्ति, सुदामा, का सप्रसंग व्याख्या
AUG 17-22	यशोवन्त सरिखेवद, नीरओधनयु, जहीन का मोरु सप्रसंग व्याख्या
AUG 24-29	जयशंकर प्रसाद 'साहेबिब' परिचय, मद्रास देशभक्त सप्रसंग व्याख्या
AUG 31- SEP 5	बीबी विभावरी जामरी, खोलो द्वार सप्रसंग व्याख्या
SEP 7-12	भारतवर्ष, अशोक की पिल्लो नामनेग व्याख्या
SEP 14-19	सूर्यकांत त्रिपाठी 'निराला' राजाहेलिक परिचय कविता सप्रसंग व्याख्या
SEP 21-26	'होह निहरी बह गया' विभावरी सप्रसंग व्याख्या भिक्षुक सप्रसंग व्याख्या
SEP 28- OCT 3	समदारी सिंह 'दिनकर' साहेबिब परिचय, गीत-अगीत सप्रसंग व्याख्या
OCT 5-10	कविता - मायी, परम्परा सप्रसंग व्याख्या
OCT 12-17	बूढा पत्ता, आदमी सप्रसंग व्याख्या
OCT 19-24	मानवाधिकार, नैतिक शिक्षा निबन्ध
OCT 26-31	नैतिक शिक्षा, विज्ञान और लौकिकीकरण निबन्ध
NOV 2-7	वैज्ञानिक प्रगति में भारत का योगदान, वैज्ञानिकता का अर्थ
NOV 9-14	दूरदर्शन निबन्ध व दौड़दौड़
NOV 16-21	पत्र लेखन - 1. सरकारी पत्र
NOV 23-28	2. अर्द्ध-सरकारी पत्र
NOV 30- DEC 5	वैज्ञानिक शब्दावली
DEC 7-12	वैज्ञानिक शब्दावली
DEC 14-19	वैज्ञानिक शब्दावली

11/11/1911

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Name of Teacher - MAHIPAL

Paper - Hindi

Class - B.A. Ist - B.

Subject - Hindi

Session 2020-21

Weeks With Months	Contents
NOV 16-21	'कबीरदास' का साहित्यिक परिचय, 'पद' सप्रसंग व्याख्या एवं प्रश्नोत्तर
NOV 23-28	'साखी' सप्रसंग व्याख्या एवं प्रश्नोत्तर
NOV 30- DEC 5	'सूरदास' साहित्यिक परिचय, 'पद' सप्रसंग व्याख्या एवं प्रश्नोत्तर
DEC 7-12	'तुलसीदास' साहित्यिक परिचय, 'पद' सप्रसंग व्याख्या एवं प्रश्नोत्तर
DEC 14-19	'मीराबाई' साहित्यिक परिचय, 'पद' सप्रसंग व्याख्या एवं प्रश्नोत्तर
DEC 21-26	'बिहारीलाल' साहित्यिक परिचय, 'दोहे' सप्रसंग व्याख्या एवं प्रश्नोत्तर
DEC 28- JAN 2	'घनानंद' सप्रसंग व्याख्या एवं प्रश्नोत्तर
JAN 4-9	'रसखान' साहित्यिक परिचय, 'छंद' सप्रसंग व्याख्या एवं प्रश्नोत्तर
JAN 11-16	हिन्दी साहित्य का आदिकाल :- हिन्दी साहित्य लेखन परम्परा, आदिकालीन परिस्थितियों का वर्णन
JAN 18-23	आदिकाल के नामकरण की समस्या, आदिकालीन हिन्दी साहित्य की प्रमुख प्रवृत्तियाँ, रासो काव्य परम्परा
JAN 25-30	काव्यशास्त्र :- काव्य के तत्त्व, रस, अलंकार, छन्द, शब्द शास्त्र, काव्य-गुण

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Jal na (Jind)

Name of Teacher - MAHIPAL

Subject - Hindi

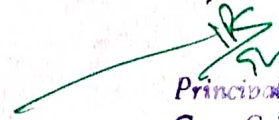
Paper - Hindi

Class - B.A. 2nd - A, B, C

Session 2020-21

Weeks With Months	Contents
AUG 4-8	हरिऔध का साहित्यिक परिचय एवं 'पवनदूती' कविता की सप्रसंग व्याख्या।
AUG 10-15	'पवनदूती' की सप्रसंग व्याख्या एवं प्रश्नोत्तर।
AUG 17-22	मैथिलीशरण गुप्त का साहित्यिक परिचय एवं 'जयद्रथ बध' की सप्रसंग व्याख्या।
AUG 24-29	'भारत-भारती' व 'सन्देश' यहाँ मैं नहीं स्वर्ग का लाया' सप्रसंग व्याख्या एवं प्रश्नोत्तर।
AUG 31- SEP 5	जयशंकर प्रसाद का साहित्यिक परिचय एवं आनंदसर्प की सप्रसंग व्याख्या।
SEP 7-12	'आँसू' कविता की सप्रसंग व्याख्या एवं प्रश्नोत्तर।
SEP 14-19	सूर्यकांत त्रिपाठी 'निराला' का साहित्यिक परिचय एवं 'विधवा', 'बादल राग' की सप्रसंग व्याख्या व प्रश्नोत्तर।
SEP 21-26	'जागो फिर एक बार' वह होइती पत्थर' की सप्रसंग व्याख्या एवं प्रश्नोत्तर।
SEP 28- OCT 3	'महादेवी वर्मा' का साहित्यिक परिचय, 'कह दे माँ अब क्या देखें' 'कौन तुम मेरे हृदय में' सप्रसंग व्याख्या व प्रश्नोत्तर।
OCT 5-10	'दुःख की बदली' 'वै मुस्काने फूल नहीं' सप्रसंग व्याख्या व प्रश्नोत्तर।
OCT 12-17	रामधारी सिंह 'दिनकर' का साहित्यिक परिचय एवं 'कुरुक्षेत्र' की सप्रसंग व्याख्या।
OCT 19-24	'कुरुक्षेत्र' की सप्रसंग व्याख्या एवं प्रश्नोत्तर।
OCT 26-31	'भारत भूषण अग्रवाल' का साहित्यिक परिचय एवं 'आने वालों से एक सवाल' सप्रसंग व्याख्या।
NOV 2-7	कविता - 'दूंगा मैं', 'फूल के बोल' सप्रसंग व्याख्या एवं प्रश्नोत्तर।
NOV 9-14	ऐतिहासिक हिन्दी कविता की दृष्टि भ्रम व नामकरण।
NOV 16-21	ऐतिहासिक :- प्रवृत्तियाँ।
NOV 23-28	ऐतिहासिक काव्य, ऐतिहासिक काव्य प्रवृत्तियाँ।
NOV 30- DEC 5	ऐतिहासिक काव्य प्रवृत्तियाँ एवं अतिलघुशालक प्रश्नोत्तर।
DEC 7-12	ऐतिहासिक काव्य की उपलब्धियाँ।
DEC 14-19	अतिलघुशालक एवं लघुशालक प्रश्न।

DEC 21-26	कम्प्यूटर : स्वरूप और महत्व
DEC 28- JAN 2	ई-मेल : प्रेषण-ग्रहण
JAN 4-9	इंटरनेट : स्वरूप और उपयोगिता
JAN 11-16	मशीनी अनुवाद, अनुवाद परिभाषा और स्वरूप
JAN 18-23	आधुनिक हिन्दी कविता दौहराई
JAN 25-30	हिन्दी साहित्य ऐतिहासिक दौहराई


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Name of Teacher - B.S.C. MAHIPAL

Subject - HINDI

Paper - HINDI

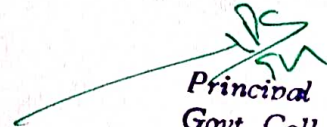
Class - B.SC-2nd

Session 2020-21.

Weeks With Months	Contents
AUG 4-8	हिन्दी पाठ्य पुस्तक 'अभिनव काव्य गरिमा' परिचय, मैथिलीशरण गुप्त का साहित्यिक परिचय
AUG 10-15	कविता - मातृ मंदिर, सुदामा, की सप्रसंग व्याख्या
AUG 17-22	यशोवर्धन-सखि संवाद, वीर अभिमन्यु, अतीत का गौरव सप्रसंग व्याख्या।
AUG 24-29	जयशंकर प्रसाद साहित्यिक परिचय, 'मधुमधु देशभारा' सप्रसंग व्याख्या
AUG 31- SEP 5	वीती विभावरी जागरी, खोलो द्वारा सप्रसंग व्याख्या
SEP 7-12	भारतवर्ष, अशोक की चिन्ता सप्रसंग व्याख्या
SEP 14-19	सूर्यकांत त्रिपाठी 'निराला' साहित्यिक परिचय, कविता सप्रसंग व्याख्या
SEP 21-26	'स्नेह निक्षिप्त बह गयो', विप्रवा सप्रसंग व्याख्या
SEP 28- OCT 3	अभिकु सप्रसंग व्याख्या
OCT 5-10	रामधारी सिंह 'दिनकर' साहित्यिक परिचय, गीत-अंगीत सप्रसंग व्याख्या
OCT 12-17	कविता - गांधी, परम्परा सप्रसंग व्याख्या
OCT 19-24	जूम पन्ना, 'आदमी' सप्रसंग व्याख्या
OCT 26-31	मानवाधिकार, नैतिक शिक्षा निबन्ध
NOV 2-7	नैतिक शिक्षा, विज्ञान और औद्योगिकरण निबन्ध
NOV 9-14	वैज्ञानिक प्रगति में भारत का योगदान, वैश्वीकरण और विज्ञान
NOV 16-21	दूरदर्शन निबन्ध व दोहराई।
NOV 23-28	पत्र लेखन - 1. सरकारी पत्र
NOV 30- DEC 5	2. अर्द्ध-सरकारी पत्र
DEC 7-12	वैज्ञानिक शब्दावली
DEC 14-19	वैज्ञानिक शब्दावली

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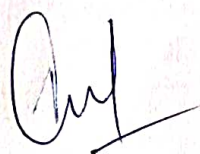
DEC 21-26	मैथिलीशरण गुप्त - काव्य दौहराई
DEC 28- JAN 2	जयशंकर प्रसाद - काव्य - दौहराई
JAN 4-9	सूर्यकांत त्रिपाठी 'निराला' - काव्य दौहराई
JAN 11-16	रामधारी सिंह 'दिनकर' - काव्य दौहराई
JAN 18-23	निबन्ध लेखन - दौहराई
JAN 25-30	पत्र-लेखन, पारिभाषिक शब्दावली दौहराई - —


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LESSON PLAN (Govt. College, Julana)

Name of Teacher –Dr. Jyoti Rani Subject: -Commerce Paper –Financial Accounting-I
Class – B.Com.I (I sem.) Session:- 2020-2021

Weeks With Months	Contents
NOV 16-21	Financial accounting: meaning, need, objectives & scope, Book-keeping and accounting; branches of accounting
NOV 23-28	Accounting principles: concepts and conventions; accounting cycle, Accounting equation
NOV 30- DEC 5	Journal; rules of journalizing
DEC 7-12	Ledger & trial balance
DEC 14-19	Rectification of Errors: suspense account; effect on profit.
DEC 21-26	Capital and Revenue: Concept and classification of income; expenditure; receipts
DEC 28- JAN 2	Depreciation provisions and reserves, Depreciation: concept and classification, Depreciation: Methods of depreciation accounting
JAN 4-9	Final Accounts: manufacturing, trading, profit & loss account, Balance sheet, Final Accounts: adjustment entries
JAN 11-16	Accounts of Non-profit Organizations
JAN 18-23	Consignment Accounts: accounting records, Normal and abnormal Loss: Valuation of unsold stock
JAN 25-30	Test and assignments




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LESSON PLAN

Name of Teacher –Dr. Jyoti Rani Paper – Principles of Business Management
Subject: -Commerce Class – B.Com. I (I sem.) Session:- 2020-2021

Weeks With Months	Contents
NOV 16-21	Introduction to commerce: concept, nature, importance and scope, Components of commerce, evolution of commerce, commerce and business
NOV 23-28	Introduction to Management: concept, characteristics and significance, Process/Functions of Management, Coordination, Management: as Science, Art and profession
NOV 30- DEC 5	Approaches to Management: Classical and Neo classical approach, Behavioral approach, Management science approach, Systems approach and Contingency approach; Management thought in ancient India.
DEC 7-12	Planning: concept, process & importance, Types of Plans: Policy, Programme, Strategy, Vision, Mission, Goals, and Objectives,
DEC 14-19	Organizing: meaning, principles and benefits of organizations; Organizational structure: Functional, Line vs. Staff, matrix, Formal vs. Informal; Organizational structure for large scale business organization.
DEC 21-26	Delegation: meaning, advantages, barriers to delegation, guidelines for effective delegation. Decentralization and Centralization: advantages and disadvantages, factors influencing decentralization.
DEC 28- JAN 2	Staffing: meaning, importance & scope of staffing. Directing: concept; Motivation: concept, objectives & significance, Approaches to motivation.
JAN 4-9	Leadership: concept, significance & functions, Leadership styles, approaches to leadership.
JAN 11-16	Controlling: meaning and characteristics of control, process of control,
JAN 18-23	Prerequisites of an effective control system; controlling techniques.
JAN 25-30	Test and assignments

LESSON PLAN

Name of Teacher –Dr.Jyoti Rani Subject: -Commerce Paper–Indian Financial System

Class – B.Com.II (III Sem.)

Session:- 2020-2021

Weeks With Months	Contents
AUG 4-8	Introduction: nature and role of financial system
AUG 10-15	Financial system and economic development;
AUG 17-22	An overview of Indian financial system.
AUG 24-29	Components of financial system:
AUG 31- SEP 5	Financial markets and financial instruments: money and capital markets:
SEP 7-12	Money market: meaning, constituents instruments and functions,
SEP 14-19	Recent developments in Indian money market
SEP 21-26	Capital market: primary and secondary market
SEP 28- OCT 3	Depository system,
OCT 5-10	Recent developments in Indian capital market;
OCT 12-17	SEBI: its formation, role and recent developments.
OCT 19-24	The Debt Market: meaning, features, participants,
OCT 26-31	The Debt Market: Instruments; private, PSUs
NOV 2-7	Government securities market.
NOV 9-14	Financial institutions
NOV 16-21	Reserve Bank of India: organization, management and functions.
NOV 23-28	Credit creation and credit control.
NOV 30- DEC 5	Commercial banks: meaning and functions,
DEC 7-12	Structure and recent developments in commercial banking in India;

DEC 14-19	E-banking, NPA's in Commercial Banks, Payment Banks.
DEC 21-26	Development banks: concept, objectives and functions;
DEC 28- JAN 2	Recent developments in development banking.
JAN 4-9	Revision
JAN 11-16	Revision
JAN 18-23	Revision
JAN 25-30	Test and assignments

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LESSON PLAN

Name of Teacher –Dr.Jyoti Rani
Class – B.Com.II (III Sem.)

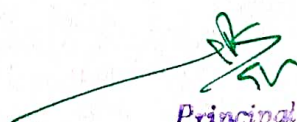
Subject: -Commerce Paper– Rural Marketing
Session:- 2020-2021

Weeks With Months	Contents
AUG 4-8	Rural Marketing: meaning, nature, characteristics;
AUG 10-15	Rural Marketing: Scope, Importance
AUG 17-22	Rural Marketing: Approaches
AUG 24-29	opportunities to rural markets in India;
AUG 31- SEP 5	challenges to rural markets in India;
SEP 7-12	Rural Marketing Environment
SEP 14-19	Socio-cultural, economic, demographic factors
SEP 21-26	technological and other environmental factor affecting rural marketing;
SEP 28- OCT 3	rural consumer behaviour;
OCT 5-10	segmentation of rural market;
OCT 12-17	strategies for rural marketing; meaning , concept
OCT 19-24	strategies for rural marketing; Significance
OCT 26-31	rural marketing mix; Product, Price
NOV 2-7	rural marketing mix; Promotion, Place
NOV 9-14	difference in rural and urban market;
NOV 16-21	problems in rural marketing;
NOV 23-28	Strategies for rural marketing.
NOV 30- DEC 5	Product planning,
DEC 7-12	promotion of distribution channels for marketing of durables in rural areas;

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DEC 14-19	promotion of distribution channels for marketing of non-durables in rural areas;
DEC 21-26	management of distribution channels for marketing of durables and non-durables in rural areas;
DEC 28- JAN 2	Innovation in rural market;
JAN 4-9	Revision
JAN 11-16	Revision
JAN 18-23	Revision
JAN 25-30	Test and assignments



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Name of Teacher – Mr. Sahil
Paper –
Class – B.Sc. 1st

Subject – Organic Chemistry

Weeks With Months	Contents
OCT 23	
OCT 26-31	,
NOV 2-7	
NOV 9-14	
NOV 16-21	Localized and delocalized chemical bond, Van der Waal's interactions, resonance: conditions resonance effect and its applications Concept of isomerism. Types of isomerism. Optical isomerism — elements of symmetry
NOV 23-28	Molecular chirality, enantiomers, stereogenic centre, optical activity, properties of enantiomers
NOV 30- DEC 5	Chiral and achiral molecules with two stereogenic centres , Diastereomers, threo and erythro diastereomers, meso compounds resolution of enantiomers, inversion, retention and racemization
DEC 7-12	Relative and absolute configuration, sequence rules, R & S systems of nomenclature Geometric isomerism — determination of configuration of geometric isomers. E & Z system of nomenclature
DEC 14-19	Conformational isomerism — conformational analysis of ethane and n-butane, conformations of cyclohexane, axial and equatorial bonds Newman projection and Sawhorse formulae, Difference between configuration and conformation
DEC 21-26	Curved arrow notation, drawing electron movements with arrows, half-headed and double-headed arrows, homolytic and heterolytic bond breaking Types of reagents – electrophiles and nucleophiles
DEC 28- JAN 2	Types of organic reactions Reactive intermediates — carbocations, carbanions, free radicals, carbenes, (formation, structure & stability).
JAN 4-9	IUPAC nomenclature of branched and unbranched alkanes Classification of carbon atoms in alkanes. Isomerism in alkanes, sources, methods of formation: Wurtz reaction, Kolbe reaction,
JAN 11-16	Corey-House reaction and decarboxylation of carboxylic acids Physical properties.: Mechanism of free radical halogenation of alkanes
JAN 18-23	Reactivity and selectivity Cycloalkanes — nomenclature, synthesis of cycloalkanes and their derivatives Photochemical (2+2) cycloaddition reactions,
JAN 25-30	Dehalogenation of α, ω -dihalides, , pyrolysis of calcium or barium salts of dicarboxylic acids, Baeyer's strain theory and its limitations., theory of strainless rings.



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Name of Teacher – Mr. Sahil

Subject – Inorganic Chemistry

Paper –

Class – B.Sc. 1st

Weeks With Months	Contents
OCT 23	
OCT 26-31	,
NOV 2-7	
NOV 9-14	
NOV 16-21	Idea of de Broglie matter waves, Heisenberg's uncertainty principle, atomic orbitals, quantum numbers, radial and angular wave functions, normal and orthogonal wave functions.
NOV 23-28	significance of Ψ and Ψ^2 , probability distribution curves, shapes of s, p, d, f orbitals, Aufbau and Pauli exclusion principles, Hund's multiplicity rules, Electronic configuration of elements.
NOV 30- DEC 5	effective nuclear charge, Slater's rules, Classification of periodic table into s, p, d, f blocks.
DEC 7-12	atomic and ionic radii, ionisation energy, electron affinity and electronegativity definition methods of determination or evaluation, trend in periodic table (in s and p-block elements).
DEC 14-19	methods of determination or evaluation, trend in periodic table (in s and p-block elements).
DEC 21-26	Valence bond theory (Heitler-London and Pauling approach) and its limitation, directional characteristics of covalent bond, various type of hybridisation and shapes of simple inorganic molecules and ions (BeF_2 , BF_3 , CH_4).
DEC 28- JAN 2	various type of hybridisation and shapes of simple inorganic molecules and ions (PF_5 , SF_6 , IF_7 , SO_4^{2-} , ClO_4^- , NO_3^-) valence shell electron pair repulsion (VSEPR) theory to NH_3 , H_3O^+ , SF_4 , ClF_3 , H_2O , SnCl_2 , ClO_3^- and ICl_2^- .
JAN 4-9	Molecular orbital theory of homonuclear (N_2 , O_2) heteronuclear (CO and NO) diatomic molecules and ions, bond energy, bond angle, bond length and dipole moments, percentage ionic character from dipole moment and electronegativity difference.
JAN 11-16	Ionic structures (NaCl , CsCl , ZnS (Zinc blende), CaF_2) size effects, radius ratio rule and its limitations, Madelung constant.
JAN 18-23	Stoichiometric and Non stoichiometric defects in crystals, Lattice energy (mathematical derivation excluded) and Born Haber cycle. Test
JAN 25-30	Solvation energy and its relation with solubility of ionic solids, Polarizing power and Polarisability of ions, Fajan's rule. Test




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Name of Teacher – Mr. Sahil

Subject – Inorganic Chemistry

Paper –

Class – B.Sc. 2nd

Weeks With Months	Contents
OCT 23	Definition of transition elements, position in the periodic table, General characteristic properties of d-Block elements.
OCT 26-31	General characteristic properties of d-Block elements, Comparison of properties of 3d elements with 4d and 5d elements with reference only to ionic radii.
NOV 2-7	Oxidation state, magnetic and spectral properties and stereochemistry.
NOV 9-14	Stability of various oxidation states and e.m.f (Latimer diagrams).
NOV 16-21	Stability of various oxidation states and e.m.f (Frost diagrams).
NOV 23-28	Structure and properties of some compounds of transition elements- TiO_2 , VOCl_2 .
NOV 30- DEC 5	Structure and properties of some compounds of transition elements- FeCl_3 , CuCl_2 and $\text{Ni}(\text{CO})_4$.
DEC 7-12	Werner's theory of coordination compounds, effective atomic number.
DEC 14-19	Chelates, nomenclature of coordination compounds
DEC 21-26	Isomerism in coordination compounds, valence bond theory of transition metal complexes
DEC 28- JAN 2	Physical properties of solvents, types of solvents
JAN 4-9	General characteristics, reactions in non aqueous solvents with reference to liquid NH_3
JAN 11-16	General characteristics, reactions in non aqueous solvents with reference to liquid SO_2
JAN 18-23	Revision Test
JAN 25-30	Revision Test




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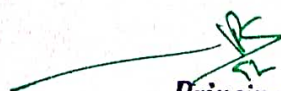
2021-22

Name of Teacher – Mr. Sahil
 Paper –
 Class – B.Sc. 2nd

Subject – Physical Chemistry

Weeks With Months	Contents
OCT 23	Definition of thermodynamic terms: system, surrounding etc.
OCT 26-31	Types of systems, intensive and extensive properties. State and path functions and their differentials.
NOV 2-7	Thermodynamic process. Thermodynamic equilibrium, Concept of heat and work.
NOV 9-14	First law of thermodynamics: statement, concepts of internal energy and enthalpy. Heat capacity, heat capacities at constant volume and pressure and their relationship.
NOV 16-21	Joule-Thomson coefficient for ideal gas and real gas and inversion temperature
NOV 23-28	Calculation of w, q, dU & dH for the expansion of ideal gases under isothermal conditions for reversible process.
NOV 30- DEC 5	Calculation of w, q, dU & dH for the expansion of ideal gases under adiabatic conditions for reversible process
DEC 7-12	Equilibrium constant and free energy, concept of chemical potential,
DEC 14-19	Thermodynamic derivation of law of chemical equilibrium. Temperature dependence of equilibrium constant
DEC 21-26	Clausius-Clapeyron equation and its applications.
DEC 28- JAN 2	Nernst distribution law – its thermodynamic derivation,
JAN 4-9	Applications of distribution law: (i) Determination of degree of hydrolysis and hydrolysis constant of aniline hydrochloride
JAN 11-16	Applications of distribution law: (ii) Determination of equilibrium constant of potassium tri-iodide complex
JAN 18-23	Applications of distribution law: (iii) Process of extraction. More stress on numerical problems.
JAN 25-30	Test




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Name of Teacher – Mr. Sahil

Subject – Inorganic Chemistry

Paper –
Class – B.Sc. 3rd

Weeks With Months	Contents
OCT 23	Limitations of valence bond theory
OCT 26-31	an elementary idea of crystal field theory, crystal field splitting in octahedral
NOV 2-7	crystal field splitting in octahedral, tetrahedral and square planer complexes.
NOV 9-14	factors affecting the crystal field parameters Revision
NOV 16-21	A brief outline of thermodynamic stability of metal complexes
NOV 23-28	d factors affecting the stability, Irving William Series.
NOV 30- DEC 5	Substitution reactions of square planer complexes of Pt(II), Trans effect. Revision
DEC 7-12	Types of magnetic materials, magnetic susceptibility.
DEC 14-19	method of determining magnetic susceptibility
DEC 21-26	spin only formula, L-S coupling, correlation of μ_s and μ_{eff} values
DEC 28- JAN 2	Orbital contribution to magnetic moments, application of magnetic moment data for 3d metal complexes.
JAN 4-9	Selection rules for d-d transition, spectroscopic ground states
JAN 11-16	spectrochemical series, Orgel energy level diagram for d1 and d9 states
JAN 18-23	discussion of electronic spectrum of $[Ti(H_2O)_6]^{+3}$ complex ion
JAN 25-30	Revision Test



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Name of Teacher – Mr. Sahil

Subject – Physical Chemistry

Paper –

Class – B.Sc. 3rd

Weeks With Months	Contents
OCT 23	Black-body radiation
OCT 26-31	Plank's radiation law, photoelectric effect,
NOV 2-7	postulates of quantum mechanics, quantum mechanical operators
NOV 9-14	commutation relations, Hamiltonian operator, Hermitian operator, average value of square of Hermitian as a positive quantity, Role of operators in quantum mechanics
NOV 16-21	To show quantum mechanically that position and momentum cannot be predicated simultaneously, Determination of wave function & energy of a particle in one dimensional box.
NOV 23-28	Optical activity, polarization – (Clausius – Mossotti equation - derivation excluded). Orientation of dipoles in an electric field
NOV 30- DEC 5	dipole moment, induced dipole moment, measurement of dipole moment-temperature method and refractivity method
DEC 7-12	dipole moment and structure of molecules, Magnetic permeability, magnetic susceptibility and its determination.
DEC 14-19	Application of magnetic susceptibility, magnetic properties – paramagnetic, diamagnetism and ferromagnetism. Spectroscopy : Introduction: Electromagnetic radiation
DEC 21-26	Regions of spectrum, basic features of spectroscopy, statement of Born-oppenheimer approximation, Degrees of freedom.
DEC 28- JAN 2	Rotational Spectrum : Selection rules, Energy levels of rigid rotator (semi-classical principles), rotational spectra of diatomic molecules , spectral intensity distribution using population distribution (Maxwell-Boltzmann distribution)
JAN 4-9	determination of bond length and isotopic effect . Vibrational spectrum : Selection rules, Energy levels of simple harmonic oscillator, pure vibrational spectrum of diatomic molecules
JAN 11-16	determination of force constant and qualitative relation of force constant and bond energy, idea of vibrational frequencies of different functional groups.
JAN 18-23	Raman Spectrum : Concept of polarizability, pure rotational and pure vibrational Raman spectra of diatomic molecules, selection rules, Quantum theory of Raman spectra.
JAN 25-30	Test


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LESSON PLAN (April- July 2022)

Name of Teacher – Dr. Neha Mittal

Subject: - Mathematics

Paper – O.D.E

Class –B.A/B.Sc. I

Session:- 2021-2022 (Even Sem.)

Weeks With Months	Contents
April 1,2 and 4- 9	Unit-1 Geometrical meaning of a D.E, Exact D.E, integrating factors
April 11- 16	First order higher degree equations, Lagrange's equations
April 18-23	Clairaut euations, Equations reducible to Clairaut's form
April 25-30	Singular solution
May 2-7	Assignment-1, Unit-2, Orthogonal Trajectories in Cartesian and polar coordinates, self orthogonal family of curves
May 9-14	Linear D.E. with constant coefficients
May 16-21	Linear D.E. with constant coefficients
May 23-28	Homogenous linear ordinary D.E
May 30-31 and June 1-4	Equations reducible to homogenous
June 6-11	Assignment-2, Unit-3 Linear D.E. of second order, reduction to normal form, Transformation of the equation by changing dependent variable/independent variable
June 13-18	Solution by operators of non homogenous linear differential equations, reduction of order of a D.E
June 20-25	Method of variation of parameters. Method of undetermined coefficients
June 27-30 and July 1-2	Test, Unit-4 ordinary simultaneous D.E, solution of simultaneous D.E, Total D.E
July 4-9	Conditions for $Pdx+Qdy+Rdz=0$ to be exact, General method of solving $Pdx+Qdy+Rdz = 0$ by taking one variable constant. Method of auxilliary equations
July 11-16	Revision
July 18-19	Revision




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LESSON PLAN (April- July 2022)

Name of Teacher – Dr. Neha Mittal

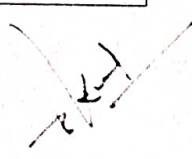
Subject: - Mathematics

Paper – Sequence and Series

Class –B.A/B.Sc. II

Session:- 2021-2022 (Even Sem.)

Weeks With Months	Contents
April 1,2 and 4- 9	Unit-1 Boundedness of the set of real numbers, least upper bound and greatest lower bound of a set, neighbourhoods
April 11- 16	Interior points, isolated points, limit point, open set, closed set
April 18-23	Interior of a set, closure of a set in real numbers and their properties
April 25-30	Bolzano weierstrass theorem, open cover
May 2-7	Compact set and Heine-Borel theorem
May 9-14	Assignment-1, Unit-2 Real sequence and their convergence, theorems on limits of a sequence, Bounded and monotonic sequence
May 16-21	Cauchy's sequence, Cauchy general principal of convergence, subsequence and subsequential limits
May 23-28	Convergence and divergence of infinite series, comparison test of positive terms infinite series
May 30-31 and June 1-4	Cauchy general principal of convergence, convergence and divergence of geometric series, p-series
June 6-11	Assignment-2, Unit-3 D'Alembert ratio Test , Rabbe's test, Logarithmic test, De Morgan and Bertrand's Test
June 13-18	Cauchy's nth root test, Gauss test, Cauchy's integral test, Cauchy's condensation test
June 20-25	Test, Unit-4 Alternating Series: Leibnitz test, Absolute and conditional Convergence, Abel's lemma, Abel's test
June 27-30 and July 1-2	Dirichlet's test, insertion and removal of parenthesis, rearrangement, Dirichlet's theorem
July 4-9	Riemann's rearrangement theorem, Pringsheim's theorem, Multiplication of series,
July 11-16	Cauchy product of series, Convergence and absolute convergence of infinite products, Revision
July 18-19	Revision



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LESSON PLAN (April- July 2022)

Name of Teacher – Dr. Neha Mittal

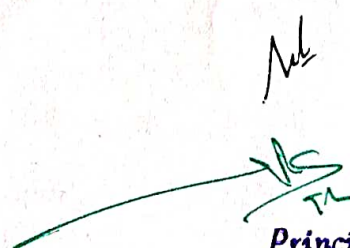
Subject: - Mathematics

Paper – Real and Complex Analysis

Class –B.A/B.Sc. III

Session:- 2021-2022 (Even Sem.)

Weeks With Months	Contents
April 1,2 and 4- 9	Unit-1 Introduction and Jacobians
April 11- 16	Beta and Gamma Function
April 18-23	Beta and Gamma Function
April 25-30	Double and Triple Integrals
May 2-7	Dirichlet integral, Change of order of integration
May 9-14	Assignment-1, Unit-2 Fourier Series, Fourier expansion of piecewise monotonic functions, Fourier coefficients
May 16-21	Dirichlet Conditions, Parseval's identity for Fourier series, Fourier series for even and odd functions
May 23-28	Half Range series, Change of intervals
May 30-31 and June 1-4	Assignment-2, Unit-3 Extended complex plane, Steriographic projection of complex numbers
June 6-11	Continuity and Differentiability of complex numbers, Analytic functions
June 13-18	Cauchy Riemann equations, Harmonic functions
June 20-25	Test, Unit-4 Mappings by elementary functions: Translation, Rotation
June 27-30 and July 1-2	Magnification and inversion, Conformal mappings, Mobius Transformation
July 4-9	Fixed point, cross ratio, inverse point and critical mapping
July 11-16	Revision
July 18-19	Revision


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