

Government College Hodal Haryana

Department of English Session: 2025-26

Lesson Plan

Name

Class: BA 3rd Sem.

Subject: English (BRITISH NOVEL: APHRA BEHN TO FIELDING)

Course Code: 25ENGM403DS01

Months	Topics
Aug 2025 UNIT - I	E.M. Forster: Aspects of the Novel About the Author, Introduction to Aspects of the Novel by E.M. Foster, Detailed Chapter wise Explanation Class Test and Revision
Sept 2025 UNIT – II	Aphra Behn: Oroonoko: or, The Royal Slave About the Author, Introduction of the Novel, Detailed summery of the Novel, Characters Question, Answers and Discussion (Long and Short) Class test and Revision
Oct 2025 UNIT – III	Daniel Defoe: Robinson Crusoe About the Author, Introduction of the Novel, Detailed summery of the Novel, Characters Question, Answers and Discussion (Long and Short) Class test and Revision Assignments
Nov 2025 UNIT – IV	Henry Fielding: Joseph Andrews About the Author, Introduction to Joseph Andrews, Detailed Chapter wise Explanation Class Test and Revision

Government College Hodal Haryana

Department of English Session: 2025-26

Lesson Plan

Name

Class: BA 3rd Sem.

Subject: English (One Act Play)

Course Code: 25ENG403MI01

Months	Topics
Aug 2025 UNIT - I	Anton Chekov: The Proposal About the Author, Introduction of the Play, Detailed Explanation Question Answers and Discussion (Long and Short) Class Test and Revision
Sept 2025 UNIT – II	O’ Henry: While the Auto Waits About the Author, Introduction of the Play, Detailed summery of the Play, Characters Question, Answers and Discussion (Long and Short) Class test and Revision
Oct 2025 UNIT – III	J.M. Synge: Riders to the Sea About the Author, Introduction of the Play, Detailed summery of the Play, Characters Question, Answers and Discussion (Long and Short) Class test and Revision Assignments
Nov 2025 UNIT – IV	Stanley Houghten: The Dear Departed About the Author, Introduction to The Dear Departed, Detailed Explanation Class Test and Revision

Government College Hodal Haryana

Department of English

Session: 2025-26

Lesson Plan

Name:

Class: BA 5th Sem.

Subject: English

Date	Topics
Aug 2025	Novel: Kanthapura by Raja Rao Explain all the major and minor characters Chapter 1, 2 ,3, 4, 5 (Elaboration), Long and Short Question Answer, Discussion Class test and revision
Sept 2025	Chapter 6, 7, 8, 9, 10 (Elaboration) Long and Short Question Answer, Discussion Class test and revision
Oct 2025	Chapter 11, 12, 13, 14, 15, 16 (Elaboration) Long and Short Question Answer, Discussion Class test and revision Assignments
Nov 2025	Chapter 17, 18, 19 (Elaboration) Long and Short Question Answer, Discussion Revision and class test Practice Precis Writing, Story Writing, Sentences, Letter writing Unseen Passage Practice

Government College Hodal Haryana

Department of English Session: 2025-26

Lesson Plan

Name

Class: BA 1st Sem.

Subject: English (WORDS AND WISDOM: BRITISH POETRY CHAUCER TO DONNE)

Months	Topics
July 2025 UNIT - I	Types of poetry and related literary terms: Lyric, Sonnet, Blank Verse, Ballad, Epic
August 2025 UNIT – I, II	Types of poetry and related literary terms: Allegory, Elegy, Hymn, Parody, Satire, Ode, Dramatic Monologue, Figures of Speech, Tone, Sound, Language, Diction, Myth, symbols, Imagery Chaucer Introduction to Prologue Lines 1 to 100 (line wise explanation and q. ans. discussion) CLASS TEST AND REVISION
September 2025 UNIT – II, III	Spencer : Amoretti “New yeare forth looking out of Lanus gate” (IV) “Fayre eyes, the myrrour of my mazed hart” (VII) “The merry Cuckow, messenger of Spring” (XIX) EXPLANATION (reference to the context) AND Q/A discussion CLASS TEST AND REVISION
October November 2025 UNIT – III, IV	William Shakespeare : Sonnet 18: “shall I Compare thee to a summer’s day?” Sonnet 116: “Let me not to the Marriage of true minds” Sonnet 130: “My mistress’ eyes are nothing like the sun.” EXPLANATION (reference to the context) AND Q/A CLASS TEST AND REVISION Assignment and test John Donne: “The Good Morrow” “The Sun Rising” “Batter My Heart” EXPLANATION (reference to the context) AND Q/A CLASS TEST AND REVISION

Government PG College Hodal Haryana

Department of English Session: 2025-26

Lesson Plan

Name

Class: BA 1st Sem.

Subject: English (PROSE AND POETRY –I)

Months	Topics
July 2025 UNIT - I	1.Education Provides a Solid Foundation by APJ Abdul Kalam 2.Toasted English by R.K. Narayan EXPLANATION AND Q/A CLASS TEST AND REVISION
August 2025 UNIT – I, II	3.In Sahyadri Hills, A Lesson in Humility by Sudha Murty 4.My Greatest Olympic Prize by Jesse Owens 1.The Quality of Mercy/William Shakespeare 2.Woman Work/Maya Angelou EXPLANATION AND Q/A CLASS TEST AND REVISION
September 2024 UNIT – II ,III	3.Say Not the Struggle Not Availeth by Arthur Hugh Clough 4.Success is Counted Sweetest/Emily Dickinson EXPLANATION AND Q/A CLASS TEST AND REVISION Assignment and test
October November 2024 UNIT – III , IV	1. Articles 2.Preposition 3. Types of Sentences 4. Transformation and Synthesis of Sentences (Exploring New Horizons) 1. Phrasal Verbs 2. Concord 3. Determiners 4. Commonly Confused Words CLASS TEST AND REVISION

Government PG College Hodal Haryana

Department of English Session: 2025-26

Lesson Plan

Name

Class: BA 1st Sem.

Subject: English for Ability Enhancement

Months	Topics
July 2025 UNIT - I	Introduction to phonetics The sounds of English (consonant sounds and vowel sounds) Practice and test
August 2025 UNIT – II	Parts of speech (noun, pronoun, adjectives, verbs, adverbs, prepositions, conjunctions, interjections) Verbs Tense Class test revision and practice
September 2024 UNIT – III	Subjects-verb Agreement Clauses Class test revision and practice
October November 2024 UNIT – IV	Reading Skills and Strategies (Skimming and scanning , Intensive and extensive reading, Overcoming barriers to effective reading) Class test revision and practice Assignment

Lesson Plan for Session 2025-2026 (July 2025 – November 2025)

Name of Extension Lecturer – Neelam Sharma (Mathematics)

Class: B.A.- II / BSc II (Odd Semester)

Paper: Functions and Algebra

Duration	Topic to be Covered
3 rd Week of July	Introduction to Relations, Functions along with domain and range,
4 th Week of July	Composition of functions, Invertibility and inverse of functions,
1 st Week of August	One-to-one correspondence and the cardinality of a set.
2 nd Week of August	Relations between the roots and coefficients of general polynomial equation in one variable
3 rd Week of August	Solutions of polynomial equations having conditions on roots, Common roots and multiple roots
4 th Week of August	Transformation of equations and Nature of the roots of an equation
1 st Week of Sept.	Descarte's rule of signs. Solutions of cubic equations (Cardon's method).
2 nd Week of Sept.	Biquadratic equations and their solutions.
3 rd Week of Sept.	Matrix and its types - Symmetric, Skew-symmetric, Hermitian and Skew Hermitian matrices.
4 th Week of Sept.	Unitary and Orthogonal Matrices, Idempotent, Involuntary, Nilpotent Matrices.
1 st Week of Oct.	Rank of a Matrix and its applications: Rank of a matrix, Row rank and column rank of a matrix, Elementary Operations on matrices
2 nd Week of Oct.	Inverse of a matrix, Normal Form, PAQ Form,
3 rd Week of Oct.	Linear dependence and independence of rows and columns of matrices,
4 th Week of Oct.	Applications of matrices to a system of linear (both homogeneous and non-homogeneous) equations, Theorems on consistency of a system of linear equations.
1 st Week of Nov.	Cayley-Hamilton Theorem: Eigen values, eigen vectors and the characteristic equation of a matrix.
2 nd Week of Nov.	Minimal polynomial of a matrix. Cayley-Hamilton theorem and its use in finding the inverse of a matrix. Diagonalization of matrix.
3 rd Week of Nov.	Revision and Full Syllabus test.

Lesson Plan for Session 2025-2026 (July 2025 – November 2025)

Name of Extension Lecturer – Neelam Sharma (Mathematics)

Class: BSc II (Odd Semester)

Paper: Elementary Probabaility Theory

Duration	Topic to be Covered
3 rd Week of July	Probability: Introduction, Random Experiment, Sample Space, Events
4 th Week of July	Algebra of Events. Definitions of Probability: Classical, Statistical and Axiomatic.
1 st Week of August	Conditional Probability, Laws of Addition and Multiplication, Independent Events.
2 nd Week of August	Theorem of Total Probability, Bayes Theorem;
3 rd Week of August	Applications of Bayes Theorem, Random Variables: Discrete and Continuous Random Variables,
4 th Week of August	Probability Mass Function, Probability Density Function
1 st Week of Sept.	Cumulative Distribution Function, Illustrations and Properties of CDF
2 nd Week of Sept.	Two Dimensional Random Variables Joint, Marginal and Conditional Distributions.
3 rd Week of Sept.	Mathematical Expectation and Generating Functions: Expectation of Single Random Variables and Its Properties
4 th Week of Sept.	Probability Generating Function,
1 st Week of Oct.	Moment Generating Function.
2 nd Week of Oct.	Characteristic Function
3 rd Week of Oct.	Discrete Probability Distributions: Bernoulli, Binomial
4 th Week of Oct.	Revision and Test
1 st Week of Nov.	Discrete Probability Distributions: Poisson, Geometric Along with Their Properties, Limiting Approximation Cases.
2 nd Week of Nov.	Continuous Probability Distributions: Uniform, Normal, Exponential Along with Their Properties and Limiting/Approximation Cases.
3 rd Week of Nov.	Revision and Full Syllabus test.

Lesson Plan for Session 2025-2026 (July 2025 – November 2025)

Name of Extension Lecturer – Neelam Sharma (Mathematics)

Class: BSc III / B.A. III (5th Semester)

Paper: Groups and Rings

Duration	Topic to be Covered
3 rd Week of July	Groups and Subgroups- Introduction, Binary composition, Properties of Binary operation, definition of Group, Examples of Group
4 th Week of July	Theorems on Group, Theorems on order of Group/ Element, Examples
1 st Week of August	Definition of Subgroup and Theorems on subgroup, Examples on subgroup, Definition- Cyclic group and Examples, Theorems on Cyclic groups
2 nd Week of August	Cosets- Definition, Examples on Cosets, Theorems on Cosets, Equivalence Class and Lagrange's Theorem
3 rd Week of August	Normal subgroup, Quotient groups, theorems on Normal subgroup, Quotient groups, Theorems on Quotient groups
4 th Week of August	Homomorphisms and Automorphisms, Theorems and Examples, Kernel of Homomorphisms, Assignment 1.
1 st Week of Sept.	Isomorphism, Theorems and Examples on Isomorphism, Automorphism and related Theorems, Group of Automorphisms, Inner Automorphisms and related examples.
2 nd Week of Sept.	Inner Automorphisms- Definition and Examples Inner Automorphisms, Group of Automorphisms of Cyclic groups, Centre of Group, Characteristic subgroups and Normalizer of an Element, Class Test.
3 rd Week of Sept.	Permutation Groups- Commutator, Cyclic Permutation, Transposition and Disjoint Cycles, Even and Odd permutation, Alternating Group.
4 th Week of Sept.	Cayley's Theorem Rings, Integral Domain, Field, Subring, Centre of a Ring, Characteristic of a Ring, Examples
1 st Week of Oct.	Ideals, Product of Ideals, Simple Ring, Principal Ideal, Theorems - Principal Ideal Ring and Principal Ideal Domain, Maximal Ideal and Prime Ideal, Examples, Quotient Rings, Assignment 2
2 nd Week of Oct.	Ring Homomorphism, Kernel of Ring Homomorphism, Examples, Theorems and Embedding of Rings Euclidean Rings- Definitions and Theorems, Principal Ideal Domain.
3 rd Week of Oct.	Polynomial Rings, Polynomial Ring over a Ring, Embedding of Ring into Polynomial Ring, Polynomials over a Field, Divisibility of Polynomials
4 th Week of Oct.	Unique Factorization Domain- Definition and Theorems, Theorems on UFD, Primitive Polynomial.
1 st Week of Nov.	Gauss Lemma, Related Theorems, Eisenstein's Irreducibility Criterion,
2 nd Week of Nov.	Polynomial Rings, Revision and Test.
3 rd Week of Nov.	Test & Revision.

Lesson Plan for Session 2025-2026 (July 2025 – November 2025)

Name of Extension Lecturer – Neelam Sharma (Mathematics)

Class: B. Sc. III / B. A.- III (5th Semester)

Paper: Numerical Analysis

Duration	Topic to be Covered
3 rd Week of July	Finite Difference Operators- Function, Argument, Entry, Interval of difference
4 th Week of July	Forward and Backward differences & related questions, Fundamental Theorem of Difference Calculus
1 st Week of August	Properties of operator Δ , Difference of functions and related question, Shift operator E, properties, Relation between E, Δ & ∇ , Problems & Exercise
2 nd Week of August	Effect of error in tabular value, Taking queries of students, Class Test
3 rd Week of August	Finite difference operators, Interpolation , Newton – Gregory formula for forward & interpolation, Questions, Subdivision of intervals, Problems & Exercise
4 th Week of August	Newton Backward difference, Divided difference, Theorems. Assignment I
1 st Week of Sept.	Newton divided difference formula for unequal interval, Relation between Δ , Class Test
2 nd Week of Sept.	Lagrange's interpolation formula , Hermite's formula, Sterling formula, Examples
3 rd Week of Sept.	Bessel's formula, Examples , Probability Distributions – Introduction, Review of probability
4 th Week of Sept.	Mean & Variance of a random variable, Binomial distribution, Examples, Mean & Variance of Binomial distribution, Examples, Fitting a Binomial distribution
1 st Week of Oct.	Poisson Distribution, Mean & variance, Practical on Given's method, Class Test
2 nd Week of Oct.	Normal Distribution, Examples, Presentation- Normal distribution, Practical on Newton's divided difference, Assignment II.
3 rd Week of Oct.	Numerical differentiation: Derivatives using Newton Forward & Backward formula, Derivatives using Sterling , Bessel's Central Diff. formula, Derivative using Newton's Divided Diff. formula.
4 th Week of Oct.	Eigen Values & Eigen Vectors, Power method, Jacobi's method, Given method Examples
1 st Week of Nov.	House- Holder's Method, QR & Lanczo Method, Numerical integration- Trapezoidal rule, Examples
2 nd Week of Nov.	Revision & Test
3 rd Week of Nov.	Full Syllabus Test.

(AEC)

हिन्दी भाषा संप्रेषण

Sem – Ist (2025–26)

Course Code – 23HN0X01AE01

Credits – 2

(Unit – 1)

July + Aug-----

लिपि का मानकीकरण + Test

(Unit – 2)

Sep--

सृजनात्मक साहित्य का अर्थ, परिभाषा और स्वरूप + Test + Assignment

(Unit – 3)

Oct----

अनुवाद, अर्थ, परिभाषा और स्वरूप + Assignment

(Unit – 4)

Oct + Nov---

पत्र प्रस्तुतीकरण का अर्थ + Test

Nov---

Revision + Test + Full A Syllabus

(Minor Course)

हिन्दी भाषा और साहित्य का इतिहास – I (2025–26)

Course Code – 23HN0S01MI01

Credits – 4 (Sem – I)

(Unit – 1)

July + Aug:- क हिन्दी भाषा का विकास: सामान्य परिचय

1. हिन्दी भाषा का उद्भव
 2. हिन्दी भाषा की बोलियाँ
 3. हिन्दी भाषा का विकास:- आदिकालीन हिन्दी मध्यकालीन हिन्दी आधुनिक हिन्दी
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ख:- हिन्दी साहित्य का इतिहास : आदिकाल

1. आदिकाल काल विभाजन एवं नामकरण
 2. आदिकाल की प्रमुख प्रवृत्तियाँ, रासो साहित्य, धार्मिक साहित्य, लौकिक साहित्य
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(Unit- 2)

Sep- हिन्दी साहित्य का इतिहास :- भक्तिकाल

- 1 भक्ति आंदोलन :- उद्भव और विकास
- 2 भक्तिकाल की प्रमुख प्रवृत्तियाँ- संत, काव्य, सूफी काव्य , राम काव्य, कृष्ण काव्य,

(Unit – 3) हिन्दी साहित्य का इतिहास:- रीतिकाल

Oct- 1- रीतिकाल:-नामकरण, विषयवस्तु विभिन्न मतों की समीक्षा।

2- रीतिकाल की प्रमुख प्रवृत्तियाँ (रीति काव्य, रीतिबद्ध काव्य,

रीति मुक्त काव्य

(Unit- 4)**हिन्दी साहित्य का इतिहास:- आधुनिक काल**

1- मध्यकालीन बोध और आधुनिक बोध संक्रमण की परिस्थितियाँ

2- आधुनिक हिन्दी कविता की प्रमुख प्रवृत्तियाँ

(भारतेन्दु युग , द्विवेदी युग , छायावाद , प्रगतिवाद , प्रयोगवाद , नई कविता)

3- गद्य विधाओं का उद्भव एवं विकास (उपन्यास, कहानी, नाटक, निबंध)

References:-

1. हिन्दी भाषा - गोरेन्द्र वर्मा
2. हिन्दी साहित्य का इतिहास - रामचन्द्र शुक्ल
3. हिन्दी साहित्य का इतिहास - डॉ. नगेंद्र
4. हिन्दी भाषा की संरचना - भोलानाथ तिवारी
5. हिन्दी का गद्य साहित्य - रामचन्द्र तिवारी

Lesson Plan 2025-26

Name of the Assistant/ Associate Professor: Dr. Sudha

Class and Section: B.A 1st Sem

Subject: Hindi (Major) 24HNDM401DS01

इकाई - 1:- हिंदी साहित्य : ऐतिहासिक लेखन

July +August 2025-26

हिंदी साहित्य में ऐतिहासिक-लेखन की परंपरा का परिचय

हिंदी साहित्य : काल विभाजन एवं नामकरण

आदिकाल : राजनीतिक, सामाजिक, सांस्कृतिक परिवेश और साहित्यिक पृष्ठभूमि

सिद्ध साहित्य, नाथ साहित्य, जैन साहित्य

रासो साहित्य , लोकिक साहित्य

Assignment & Class Test

इकाई - 2:- हिंदी साहित्य : भक्तिकाल (पूर्वमध्यकाल)

September 2025-26

भक्ति-आंदोलन : उद्भव और विकास

Assignment & Class

Test

भक्तिकाल की प्रमुख प्रवृत्तियां

1. निर्गुण धारा (ज्ञानाश्रयी शाखा, प्रेममार्गी सूफी शाखा)

2. सगुण धारा (रामभक्त शाखा, कृष्णभक्त शाखा)

इकाई - 3:- हिंदी साहित्य: रीतिकाल (उत्तरमध्यकाल)

October 2025-26

युगीन पृष्ठभूमि (राजनीतिक, सामाजिक-सांस्कृतिक-आर्थिक परिवेश, साहित्य एवं संगीत आदि कलाओं की स्थिति)

काव्य-प्रवृत्तियां

1. रीतिवाद और रीतिवादय 2. रीतिमुक्त काव्य 3. वीरकाव्य,

भक्तिकाव्य, नीतिकाव्य

Assignment & Class Test

इकाई - 4:- हिंदी साहित्य : आधुनिककाल

November & December 2025-26

मध्यकालीन बोध तथा आधुनिक बोध (संक्रमण की परिस्थितियाँ)

आधुनिक हिंदी कविता की प्रमुख प्रवृत्तियाँ (भारतेन्दु युग, द्विवेदी युग,
छायावाद युग, प्रगतिवाद, प्रयोगवाद, नई कविता)

गद्य विधाओं का उद्भव और विकास : उपन्यास, कहानी, नाटक, निबंध

Extension Lect. – Dr. Sudha**Class – B.A. II (3rd Sem)****Subject – Hindi****Course Code – 25HNDN4030S01****Month**

July Unit-1	भक्ति कालीन हिन्दी कविता क. कबीरदास	Class test
August Unit – 2	सूरदास	Test
Sep Unit -3 Oct	रितिकाल हिन्दी कविता क. बिहारी ख. घनानंद	Assignment Class test
Nov Unit-4	आधुनिक हिन्दी कविता क. मैथिलीशरण गुप्त ख. सुमित्राणदनं पंत	Assignment Class test

Minor**भारतीय ज्ञान परम्परा (2025-26)****Course Code : 25HND403M101****Speciality : 4 (3rd Sem)**

(अ) भारतीय ज्ञान परम्परा : अवधारणा और आगमन

(ब) भारतीय ज्ञान परम्परा का संक्षिप्त परिचय (इतिहास)

(स) भारतीय ज्ञान परम्परा की विशेषताएँ

Unit - 2 : ज्ञान के स्थापत्य स्तम्भ : संक्षिप्त परिचय

(Class Test Assignment)

(अ) वेद और उपनिषद्

(ब) पुराण और इतिहास

(स) धर्म शास्त्र और स्मृति ग्रंथ

(द) रामायण, महाभारत और सम्भवित ग्रंथ

Unit - 3 : भारतीय ज्ञान परम्परा के प्राचीन अनुशासन

(Test)

(अ) प्राचीन शिक्षा पद्धति और विधापीठ

(ब) पौराणिक जीवन और भारतीय ज्ञान परम्परा

(स) प्राचीन योग पद्धति और आधुनिक जीवन शैली

Unit - 4:- भारतीय ज्ञान परम्परा में नव्य दर्शन

(अ) नव्य दर्शन और आधुनिक भारत

(ब) स्वामी विवेकानन्द नव्य दृष्टिकोण और भारत

(स) पं. दीनदयाल उपाध्याय का समन्वित मानव दर्शन

(द) श्री अरविन्द का जीवन दर्शन और भारत दृष्टि

(AEC) हिन्दी भाषा संव्यवहार - 2 Sem- 3rd

(2025-26) Course Code: 24HNDX03AE01

Credit - 2

(Unit - 1)

- Aug: -** (1) हिन्दी पत्रकारिता (2) समाचार लेखन
(3) रिपोर्टिंग और रिपोर्टर (4) प्रेस विशिष्टि
(5) हिन्दी भाषा के संबर्धन में पत्रकारिता की समीक्षा
-

(Unit - 2)

- Sep: -** (क) फूल संसोधन (Class Test)
-

(Unit - 3)

- Oct:-** (1) साक्षात्कार और सम्प्रेषण
(2) संवाद लेखन **Assignment + Test**
(3) सम्प्रेषण क्या है
(4) वाचन कौशल, भाषण कौशल, अभिव्यक्तिन कौशल
-

(Unit - 4)

- Nov: -** (अ) जीवन कौशल का स्वरूप और कार्य
(ब) मनोसामाजिक और अन्तरवैयक्तिक जीवन कौशल की व्याख्या
(स) मनोवैज्ञानिक जीवन कौशल का संक्षेप परिचय

Assignment full + full Revision

हिन्दी विभाग

सुधा रावत

Lesson Plan 2025-26

Name of the Assistant/Associate Professor : Dr Sudha

Class and Section : B.A 5th Sem.

Subject : Hindi

Month/Week/Topic:-

July 2025-26

सच्चिदानंद हीरानंद वात्स्यायन अश्रेय का जीवन परिचय और जीवनी सार

सप्रसंग व्याख्या (1-4)

सप्रसंग व्याख्या (5-8)

Assignment & Class Test

आलोचनात्मक प्र०-३०

लाघुप्रश्न और अतिलघु प्र०-३० कक्षा परीक्षा

August 2025-26

सस्पेंस व्याख्या (4-5)

सस्पेंस व्याख्या (6-8)

धर्मवीर भारती का के सभी आलोचनात्मक प्र०-३०

सभी लाघुप्रश्नक और अतिलघु प्र०-३०

नरेश मेहता का साहित्यिक परिचय

जीवन और सार

Assignment & Class Test

|

नरेश मेहता की सभी सस्पेंस व्याख्या

सभी आलोचनात्मक प्र०-३०

सभी लाघुप्रश्नक और अतिलघु प्र०-३०

कक्षा परीक्षा

September 2025-26

आधुनिक कालीन साहित्यिक परिचय

जीवनियाँ सार

सप्रसंग व्याख्या (1-5)

नागार्जुन के सभी आलोचनात्मक प्र०-३०

सभी लघुत्तरीय और दीर्घ उत्तरीय प्र.उ. ३०

पुनः अभ्यास क्रम परीक्षा

रघुवीर सहाय का जीवन परिचय

जीवनियाँ और सार

Assignment & Class Test

सभी सप्रसंग व्याख्या (1-9)

आलोचनात्मक प्र०-३०

कक्षा परीक्षा

आधुनिक काल की परिस्थितियाँ

क्रमिक विकास

कविता की प्रवृत्तियों का वर्णन

October 2025-26

साहित्य का पूर्ण विकास

द्रवेदी युगीन काव्य की प्रवृत्तियाँ

छायावाद

Assignment & Class Test

प्रगतिवाद

प्रगतिवाद : नई कविता

साहित्यिक प्रवृत्तियों का विस्तृत वर्णन

आधुनिक काल की सभी लघुत्तरीय और दीर्घ उत्तरीय प्र.उ. ३०

आलोचनात्मक प्रश्नोत्तर ३०

सभी पत्र लेखन का पुनः अभ्यास

कथा परिचय

संक्षेपण परिचय

संक्षेपण के उदाहरण पुनः अभ्यास

November 2025-26

पल्लवन परिचय (अति-लघुत्तरीय)

संवेगण पलटन की कविता परीक्षा

Assignment & Class Test

कुंवर नारायण का साहित्यिक परिचय
कुंवर नारायण की सभी (1-3) समस्त व्याख्या
सभी आलोचनात्मक लघुत्तरीय प्र.उ. ३०
सभी आलोचनात्मक दीर्घ उत्तरीय प्र.उ. ३० जीवनियाँ
लीलाधर जगूडी जी का साहित्यिक परिचय प्र.उ. ३०
सप्रसंग व्याख्या आलोचनात्मक प्र.उ. ३०
पूर्ण अभ्यास क्रम परीक्षा

September 2025-26

नागार्जुन का साहित्यिक परिचय
जीवनी और सार
समस्त व्याख्या (1-5)
नागार्जुन के सभी आलोचनात्मक प्र०- 30
सभी लाघुकथात्मक और अतिलघु प्र. - उ. 30
बाह्य व्याख्यान
पुनः अभ्यास कक्षा परीक्षा
रघुवीर सहाय का जीवन परिचय
जीवनी और सार
सभी सप्रसंग व्याख्या (1-9)
आलोचनात्मक प्र. - उ. 30
कक्षा परीक्षा
आधुनिक काल की परिस्थितियाँ
क्रमिक विकास
कविता की सभी प्रवृत्तियों का वर्णन

Assignment & Class Test

October 2025-26

साहित्य का पूर्ण विकास
द्वेदी युग कविता की प्रवृत्तियाँ
छायावाद
प्रगतिवाद

प्रयोगवाद / नई कविता

समकालीन कविता का विस्तृत वर्णन

आधुनिक कविता के सभी लघुत्रात्मक और अतिलघु प्र० - ३०

पुनः अभ्यास

Assignment & Class Test

पत्र लेखन परिचय

परिक्षाउपयोगी महत्वपूर्ण पत्र विस्तार

सभी पत्र लेखन का अभ्यास

कक्षा परीक्षा

संक्षेपण परिचय

संक्षेपण के उदाहरण पुनः अभ्यास

November 2025-26

पल्लवन परिचय (अति - लघुत्रात्मक)

संक्षेपण पल्लवन की कक्षा परिक्षा

कुँबर नारायण का साहित्यिक परिचय

कुँबर नारायण की सभी (1-3) सप्रसंग व्याख्या

सभी आलोचनात्मक लघुत्रात्मक अतिलघु प्र. - ३. 30

लीलाधर जगूडी का साहित्यिक परिचय प्र० - ३० जीवनी

सप्रसंग व्याख्या आलोचनात्मक प्र०. - ३.०

पूर्ण अभ्यास कक्षा परीक्षा

 Dr.

Sudha

Dep.

Hindi

Lesson Plan

Department of Commerce

Class.....B.Com 1stSubject.....Financial Accounting(DSC).....Session.....2025-26.....Faculty Name.....Dr. Satya Prakash...

Month	Week 1	Week 2	Week 3	Week 4
July 2025	Admission	Admission	Basics of Accounting and Accounting Terminology.	Introduction : meaning, objectives of Accounting
August 2025	Process, limitations and basic terms of Accounting	Generally accepted Accounting Principles	Journalizing & Posting, Accounting Standards (AS-1),	GST,Preparation of trial balance- Assignment
September 2025	Capital and revenue items	Reserves & Provisions - Test	Depreciation : Meaning, Causes, Accounting procedure and methods of Computing Depreciation,	Straight Line and Diminishing Balance Method; Change of Method- Practical Problems.
October 2025	Final Accounts with Adjustments	Final Accounts - Practical Problems	Rectification of Errors, Practical Problems	Concept of Computerised Accounting system, Comparison between Manual and Computerised Accounting system, Advantages of Computerised Accounting System,
November 2025	Limitations of Computerised Accounting System, Sourcing of Accounting Software, Considerations before Sourcing (Choosing) an Accounting Software,	Accounting for Non-Profit Organizations- Practical Problems	Accounting for Non-Profit Organizations- Practical Problems- Test	Revision
December 2025	Examinations	-	-	-

Lesson Plan

Department of Commerce

Class...B.Com 1stSubject... Managerial Skills(MI).....Session.....2025-26.....Faculty Name.....Dr. Satya Prakash...

Month	Week 1	Week 2	Week 3	Week 4
July 2025	Admission	Admission	Managerial Skills: Meaning, Types and Importance	The Role of Motivational Skills in Developing Managers
August 2025	Skill Development Techniques		Coordination	Interpersonal Roles of Manager in Management
September 2025	Navigating Problem Solving, Creativity	Innovation	Empowering	Delegation
October 2025	Mastering Team Dynamics: Building and Leading Effective Teams	Group Dynamics	Leadership	Competence Development
November 2025	Meaning of Communication and its Importance	Communication and Professional Skills	Revision	Revision - Test
December 2025	Examinations	-	-	-

Lesson Plan

Department of Commerce

Class...B.Com 3rd SemesterSubject.....Corporate Accounting.. Session.....2025-26...Faculty Name...Dr. Satya Prakash

Month	Week 1	Week 2	Week 3	Week 4
July 2025	Admission	Admission	Admission	Share Capital: Meaning ,Types, Accounting treatement of Issue
August 2025	Forfeiture of Shares	Re- Issues of shares	By-Back of equity shares and sweat equity shares	Redemption of Preference shares
September 2025	Issues of Bonus Shares	Debenture, Meaning Types and issue of debentures	Redemption of Debentures	Valuation of Goodwill
October 2025	Methods of valuation of Goodwill	Valuation of Shares	Methods of valuation of Shares	Profit and loss Before and after Incorporation
November 2025	Final Accounts of Companies	Practical Problems	Practical Problems	Revision
December 2025	Examinations	-	-	-

Lesson Plan

Department of Commerce

Class...B.Com 5th Semester ...Subject.....Income Tax LawSession.....2025-26...Faculty Name.....Dr. Satya Prakash...

Month	Week 1	Week 2	Week 3	Week 4
July 2025	Admission	Admission	Admission	Income Tax: An Introduction
August 2025	Important Definitions	Agriculture Income	Residential Status	Incidence of Tax Liability Exempted Incomes
September 2025	Income from Salaries (including retirement benefits)	Income from House Property	Practice – Test - Assignment	Profits and Gains from Business or Profession
October 2025	Practice – Test - Assignment	Depreciation; Capital Gains	Practice – Test - Assignment	Income from other Sources- Practice – Test - Assignment
November 2025	Clubbing of Incomes & Aggregation of Incomes	Set off and Carry Forward of Losses, Deductions to be made in Computing Total Income	Revision	Revision
December 2025	Examinations	-	-	-

Lesson Plan

Department of Commerce

Class-B.Com 5th Sem. Subject- Entrepreneurship & Small Scale Business- Session (2025-26)...Faculty Name- Dr. Satya Prakash

Month	Week 1	Week 2	Week 3	Week 4
July 2025	Admission	Admission	Admission	Entrepreneur-Entrepreneurship-Enterprise: Conceptual issues. Entrepreneurship vs. Management.
August 2025	Roles and functions of entrepreneurs in relation to the enterprise and in relation to the economy.	Small business as the seedbed of entrepreneurship.	Entrepreneurial competencies. Entrepreneurial motivation, performance and rewards.	Opportunity scouting and idea generation: Role of creativity & innovation and business research. Sources of business ideas.
September 2025	Entrepreneurial opportunities in contemporary business environment, for example opportunities in network-marketing, franchising, business process outsourcing in the early 21st century.	The process of setting up a small business:	Preparation of Project Report and Report on Experiential Learning of successful/unsuccessful entrepreneurs.	Managerial roles and functions in a small business. Designing and redesigning business processes, location, layout, operations planning & control.
October 2025	Basic awareness of the issues impinging on quality, productivity and environment. Managing business growth.	The pros and cons of alternative growth options: internal expansion, acquisitions & mergers, integration & diversification. Crises in business growth.	Issues in small business marketing. The concept and application of product life cycle (ptc), advertising & publicity, sales & distribution management.	The idea of consortium marketing, competitive bidding/tender marketing. negotiation with principal customers.
November 2025	The contemporary perspectives on Infrastructure Development, Product and Procurement Reservation, Marketing Assistance, Subsidies and other Fiscal & Monetary Incentives.	National, state level and grass-root level financial and nonfinancial institutions in support of small business development.	Revision	Revision
December 2025	Examinations	-	-	-

Lesson Plan

Department of Commerce

Class...B.Com 3rd SemesterSubject.....Business LawSession (2025-26) Faculty Name Dr. Satya Prakash...

Month	Week 1	Week 2	Week 3	Week 4
July 2025	Admission	Admission	The Indian Contract Act 1872: Contract – meaning and characteristics .	Kinds and essentials of valid contract.
August 2025	Offer and acceptance.	Consideration and contractual capacity.	free consent, legality of objects.	Contract of Indemnity and Guarantee.
September 2025	Contract of Bailment, Contract of Agency.	Consumer Protec Act.	Sale of Goods Act 1930. Contract of sale.	Meaning and difference between sale and agreement to sell.
October 2025	Conditions and warranties.	Transfer of ownership in goods including sale by non-ow Performance of contract of sale.	Unpaid seller- Meaning and other provisions	Rights of an unpaid seller against goods and the buyer.
November 2025	The Foreign Exchange Management Act: Salient features of FEMA.	Revision	Revision	Revision
December 2025	Examinations	-	-	-

Lesson Plan

Department of Commerce

Class...B.Com ^{5th} SemesterSubject.....Accounting for Management.....Session.....2025-26.....Faculty Name.....Ms Meenu Rani...

Month	Week 1	Week 2	Week 3	Week 4
July 2025	Admission	Admission	Management Accounting Nature and Scope of Management Accounting: Meaning, functions, Scope of.	The Management Accountant, The Controller, The Treasurer, Management Accounting Principles,
August 2025	Management Accounting, Management Accounting Vs Financial Accounting Vs. Cost-Accounting,	Utility of Management Accounting, Limitations of Management Accounting,	Tools of Management Accounting	Analysis and Interpretation of Financial Statements: meaning and types of financial statements, analysis and interpretation of financial statements,
September 2025	Types of financial analysis, steps involved in financial analysis, techniques of financial analysis.	Ratio Analysis: meaning of ratios, classification of ratios, profitability ratios,	balance sheet ratios and turnover ratios, advantages and limitations of ratio analysis.	Cash Flow Statement: Meaning, objectives,.
October 2025	Cash Flow Statement: introduction of objectives	limitations and accounting procedure;of cash flow statement	Financial planning through cash flow statement	Capital Budgeting: Meaning, nature, need, importance, appraisal methods, capital rationing.
November 2025	Capital Budgeting: nature, need,.	Capital Budgeting:, importance, appraisal methods, capital rationing.	Capital Budgeting:, appraisal methods, capital rationing.	Revision
December 2025	Examinations	-	-	-

Lesson Plan

Department of Commerce

Class...B.Com 5th.....Subject... International trade.....Session.....2025-26.....Faculty Name.....Ms Meenu Rani...

Month	Week 1	Week 2	Week 3	Week 4
July 2025	Admission	Admission	International Business: An overview; Domestic business, International Business;	Major risks and challenges of International Business;
August 2025	International Business Environment-Components	Determinants; Stages of internationalisation of business; International business approaches	, Concept of globalisation.	Modes of entering into International Business;
September 2025	International business rules. Regulation and problems	Nature of Multinational enterprise and International direct investment	; Foreign exchange; Determination of exchange rate;.	Balance of payments
October 2025	Theories of International Trade: Absolute advantage theory; Comparative advantag theory, Factor proportions theory; product life cycle theory of trade;	; Government influence trade; rationale for government intervention, instruments of trade control	role of WTO, IMF	a World Bank in International trade
November 2025	Assessing international markets; designing products for foreign markets; branding decis	International promotion policy, international pricing; international logistics and distribution	Revision	Revision - Test
December 2025	Examinations	-	-	-

Lesson Plan

Department of Commerce

Class...B.Com 3rd SemesterSubject...Business Policy &Strategy Session.....2025-26...Faculty Name...Ms Meenu Rani

Month	Week 1	Week 2	Week 3	Week 4
July 2025	Admission	Admission	Admission	Business policy as a field of study; nature and objectives of business policy;
August 2025	strategic management process, vision and mission,	establishment of organizational direction, corporate strategy and	strategic activation; strategic business units.	Top management constituents board of directors
September 2025	, sub-committees, chief executive officer,	Task of manager in corporate governance	, responsibilities and skills of top management; corporate governance.	Formation of strategy: nature of company's environment and its analysis:
October 2025	SWOT analysis; evaluating multinational environment; identifying corporate competence and resources;;	principles and rules of corporate strategy	strategic excellence positions	Strategic analysis and choice; BCG matrix; GE-Cell Nine matrix; stop light strategic model; directional policy matrix model
November 2025	; grand strategy selection matrix; model of grand strategy dusters;	behavioural considerations affecting strategic choice; contingency approach to strategic choice	revision	Revision
December 2025	Examinations	-	-	-

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Lesson Plan

Department of Commerce

Class...B.Com 5th SemesterSubject...Cyber securities and Artificial Intelligence in Commerce..Session.....2025-26...Faculty Name.....Ms Meenu Rani...

Month	Week 1	Week 2	Week 3	Week 4
July 2025	Admission	Admission	Admission	Overview of Cyber security: Concept of Cyber Security, Significance and its Fundamentals. Cyber Security Techniques:
August 2025	Cryptography, Encryption, Firewalls, Passwords, Privacy, Digital Signatures. Issues and Challenges in Cyber Security.	Regulations: Cyber Security Policies, Major Regulating Bodies, Compliance	Requirements and Recent Government Initiatives in India.	Overview of Cyber Crime: Concept of Cyber Crime, Definition of Cyber-Crime under IT Act 2000. Classification of Cyber Crimes: Hacking and Malicious Code (Viruses, Time Bombs, Trojans, Malware, DOS, DDOS, Web Defacement, Phishing, Cloning), Financial Frauds and Social Engineering

September 2025	Attacks, Malware and Ransomware Attacks, Zero-Day and Zero-Click Attacks, Cyber Stalking, Cyber Bullying, and Cyber Pornography, Child Pornography, Cyber Laundering, Online Betting and Games,	Cyber Terrorism. Digital Forensics.	Cyber Laws: Overview of IT Act 2000, Important Provisions, Reporting Cyber Crime, Investigation Techniques, Remedial Measures.	Social Media Overview and Security: Introduction to Social Networks/Media, Types of Social Media, Platforms of Social Media,
October 2025	Trends in Social Media (Deep Fakes, Sock puppets),	Social Media Monitoring and Privacy: Hashtags, viral content, social media marketing, Managing Social Media Privacy & Security settings	, Flagging and reporting of inappropriate content, Legal aspects of posting inappropriate content	Need and Significance of AI, Challenges and Opportunities of AI, AI in Commerce Intelligence vs. Ethics and Morality.
November 2025	, AI in Cyber Security, ChatBots and Virtual Assistants: Boon or Bane, Artificial	Overview of Artificial Intelligence (AI): Meaning and Definition of AI, Emergence of AI in Modern IT world,	Revision	Revision
December 2025	Examinations	-	-	-

Lesson Plan

Department of Commerce

Class-B.Com 1st Sem. Subject- Business Communication- Session (2025-26)...Faculty Name- Ms Meenu Rani

Month	Week 1	Week 2	Week 3	Week 4
July 2025	Admission	Admission	Admission	Business Communication: Meaning and Process of Business Communication
August 2025	, Importance of effective Communication,	Types of Business Communication, Barriers to Communication,	. Essentials of an Effective Communication System.	Communication Skills: Reading skills,
September 2025	listening skills, note making,	persuasive speaking. Body language,	Gestures.	Business Email Writing: Process of writing Email,
October 2025	Writing Style and Skills,	Email Etiquette	Email Samples and writing email	Points to be considered before writing business letters
November 2025	Business Letter Writing samples discussion	Types of Business Letters, Business letter Format and Samples.	Revision	Revision
December 2025	Examinations	-	-	-

Lesson Plan

Department of Commerce

Class...B.Com 1st SemesterSubject.....Business Statistics.....Session (2025-26) Faculty Name Ms Meenu Rani...

Month	Week 1	Week 2	Week 3	Week 4
July 2025	Admission	Admission	Admission	Statistics: Meaning, Definition, Needs & Objectives
August 2025	Collection of data types, methods,	classification and tabulation of data	, graphic diagrammatic presentation.	Measurement of Central Tendency and Variation -.
September 2025	Measurement of Central Tendency and Variation practical problems	Mathematical and fractional averages.	Measures of absolute and relative variations	Moments, skewness and kurtosis (with Sheppard's corrections),
October 2025	Moments, skewness and kurtosis (with Sheppard's corrections), practical problems	. Index Numbers. Introduction, importance, uses	Index Numbers. Practical problems and solutions	Probability and Expected Value: Meaning and Schools of thoughts, Importance of the
November 2025	Concept of the Probability; Calculation of Probability, Probability Theorems: Addition, Multiplication and	Bayes' Theorem. Mathematical Expectations. Numerical of Probability.	Revision	Revision

December 2025	Examinations	-	-	-
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GOVT COLLEGE HODAL, PALWAL

Lesson Plan- Class: B.A. 3rd sem

MR. GURNAM SINGH, (MAJOR)

(SESSION 2025-26)

week	TOPICS
Week I -(15 Jul. 2025 to 19th Jul. 2025)	The atmosphere: origin, composition and structure; insolation
Week II -(21 Jul. 2025 to 26th Jul. 2025)	And heat budget; weather and climate: elements controlling factors;
Week III (28 Jul. 2025 to 30th Jul. 2025)	Distribution of temperature atmospheric pressure; local
Week IV (04 Aug. 2025 to 08 Aug. 2025)	And planetary winds. Atmospheric humidity: types and distribution;
Week V- (11Aug. 2025 to 14 Aug. 2025)	Fish evaporation, condensation and precipitation;
Week VI- (18 Aug. 2025 to 23 Aug. 2025)	Indian monsoon: origin, characteristics, mechanism and significance.
Week VII-(25 Aug. 2025 to 30 Aug. 2025)	Clouds, air masses, fronts, TEST
Week VIII (1 Sept. 2025 to 6 Sept. 2025)	Cyclones and anticyclones: meaning, origin,
Week IX (8 Sept. 2025 to 13 Sept. 2025)	Types and characteristics.
Week X (15 Sept 2025 to 20 Sept 2025)	Ocean floor profile: continental shelf, distribution.
Week XI (22 Sept 2025 to 27 Sept 2025)	Slope, ridge, deeps, abyssal plains; Presentation
Week XII (01 Oct 2025 to 04Sept 2025)	Ocean currents: types and Test
Week XIII (06 Oct. 2025 to 11 Oct. 2025)	Characteristics; salinity in oceans; coral reefs
Week XIV (13 Oct. 2024 to 18 Octu 2025)	Origin, types and distribution
Week XV (23 Oct. 2025 to 25 Octu 2025)	Discussion regarding all doubt
Week XVI (27 Oct. 2025 to 31 Oct. 2025)	Revision-first and second unit
Week XIV (03 Nov 2025 to 08 Nov 2025)	Revision-third and fourth unit
Week XIV (10 Nov 2025 to 18 Nov 2025)	Discussion regarding all doubt
19 Nov 2025 (exam)	

Gurnam Singh
Department of Geography

GOVT COLLEGE HODAL, PALWAL

Lesson Plan- Class: B.A. 1st sem

DR RAMKISHOR, MAJOR

(SESSION 2025-26)

week	TOPICS
Week I -(15 Jul. 2025 to 19th Jul. 2025)	Nature and scope of physical geography;
Week II -(21 Jul. 2025 to 26th Jul. 2025)	Interior of the earth; characteristics and classification of rocks
Week III (28 Jul. 2025 to 30th Jul. 2025)	Igneous, sedimentary and metamorphic.
Week IV (04 Aug. 2025 to 08 Aug. 2025)	Geomorphic processes (endogenetic and exogenetic forces
Week V- (11Aug. 2025 to 14 Aug. 2025)	Continental drift theory; sea floor spreading theory
Week VI- (18 Aug. 2025 to 23 Aug. 2025)	Plate-tectonic theory. Test
Week VII-(25 Aug. 2025 to 30 Aug. 2025)	Classification of landforms (first, second and third order
Week VIII (1 Sept. 2025 to 6 Sept. 2025)	Volcanoes (types, measurement and distribution
Week IX (8 Sept. 2025 to 13 Sept. 2025)	Earthquakes (types, measurement and distribution
Week X (15 Sept 2025 to 20 Sept 2025)	Denudation processes: weathering. Test
Week XI (22 Sept 2025 to 27 Sept 2025)	Erosion and mass wasting;
Week XII (01 Oct 2025 to 04Sept 2025)	The work of river
Week XIII (06 Oct. 2025 to 11 Oct. 2025)	And wind; cycle of erosion (davis)
Week XIV (13 Oct. 2024 to 18 Octu 2025)	Presentation
Week XV (23 Oct. 2025 to 25 Octu 2025)	Discussion regarding all doubt
Week XVI (27 Oct. 2025 to 31 Oct. 2025)	Revision-first and second unit
Week XIV (03 Nov 2025 to 08 Nov 2025)	Revision-third and fourth unit
Week XIV (10 Nov 2025 to 18 Nov 2025)	Discussion regarding all doubt
19 Nov 2025 (exam)	

Dr. Ramkishor
Department of Geography

GOVT COLLEGE HODAL, PALWAL

Lesson Plan- Class: M.A. 1st sem

Foundations in Geography

(SESSION 2025-26)

week	TOPICS
Week I -(15 Jul. 2025 to 19th Jul. 2025)	
Week II -(21 Jul. 2025 to 26th Jul. 2025)	Definition, Nature,
Week III (28 Jul. 2025 to 30th Jul. 2025)	Scope and Relevance of Geography as a Discipline
Week IV (04 Aug. 2025 to 08 Aug. 2025)	Place of Geography in the Classification of Knowledge
Week V- (11Aug. 2025 to 14 Aug. 2025)	Relations with Other Branches of Knowledge; Branches of Geography.
Week VI- (18 Aug. 2025 to 23 Aug. 2025)	Environmental Determinism and Possibilism; Environmentalism;
Week VII-(25 Aug. 2025 to 30 Aug. 2025)	Geography as Science of Relationships ,Presentation
Week VIII (1 Sept. 2025 to 6 Sept. 2025)	Geography as Integrated Science.
Week IX (8 Sept. 2025 to 13 Sept. 2025)	Geography as the study of Landscape
Week X (15 Sept 2025 to 20 Sept 2025)	Natural & Cultural Landscapes, Presentation test
Week XI (22 Sept 2025 to 27 Sept 2025)	The Concept of Area, Space and Region,
Week XII (01 Oct 2025 to 04Sept 2025)	Genetic and Specific, Formal and Functional, Natural and Cultural Regions.
Week XIII (06 Oct. 2025 to 11 Oct. 2025)	Defining Space, Place and Locality; Absolute and Relative Space
Week XIV (13 Oct. 2024 to 18 Oct. 2025)	Spatial Distribution and Spatial Organization
Week XV (23 Oct. 2025 to 25 Oct. 2025)	Time in Geography, Spatial Relations; Spatial Diffusion
Week XVI (27 Oct. 2025 to 31 Oct. 2025)	Revision-first and second unit
Week XIV (03 Nov 2025 to 08 Nov 2025)	Revision-third and fourth unit
Week XIV (10 Nov 2025 to 18 Nov 2025)	Discussion regarding all doubt
19 Nov 2025 (exam)	

Mr. Gurnam Singh
Department of Geography

GOVT COLLEGE HODAL, PALWAL

Lesson Plan- Class: M.A. 1st sem

Geomorphology

(SESSION 2025-26)

week	TOPICS
Week II -(21 Jul. 2025 to 26th Jul. 2025)	Geomorphology -Nature and scope History
Week III (28 Jul. 2025 to 30th Jul. 2025)	development of geomorphic ideas: Fundamental concepts Uniformitarian's,
Week IV (04 Aug. 2025 to 08 Aug. 2025)	geological structure, process and stage; The Earth's interior - structure and constitution; Recent Views
Week V- (11Aug. 2025 to 14 Aug. 2025)	Plate tectonics - meaning and concept; plates, plate margins and boundaries; plate motion, Presentation
Week VI- (18 Aug. 2025 to 23 Aug. 2025)	Tectonic activities along the boundaries and Distribution of plates
Week VII-(25 Aug. 2025 to 30 Aug. 2025)	Endogenetic processes - Faulting, folding and their geomorphic expressions
Week VIII (1 Sept. 2025 to 6 Sept. 2025)	earthquake concept, causes, classification, intensity and magnitude, Geographical distribution; Test
Week IX (8 Sept. 2025 to 13 Sept. 2025)	Volcanism- concept, mechanism and causes; Volcanoes - classification, volcanic materials ,Presentation
Week X (15 Sept 2025 to 20 Sept 2025)	Topography associated with vulcanicity and geographical distribution
Week XI (22 Sept 2025 to 27 Sept 2025)	Exogenetic processes: Weathering and mass wasting
Week XII (01 Oct 2025 to 04Sept 2025)	- meaning and concept; controlling factors, classification and significance; Dynamics of fluvial, Aeolian, glacial karst processes and resulting landforms
Week XIII (06 Oct. 2025 to 11 Oct. 2025)	Applied Geomorphology, meaning; Applications of Geomorphology in Regional planning, engineering projects, mineral exploration
Week XIV (13 Oct. 2024 to 18 Oct. 2025)	hydrology; Regional Geomorphology of Punjab plain
Week XV (23 Oct. 2025 to 25 Oct. 2025)	Aravalli Region and Thar desert of India.
Week XVI (27 Oct. 2025 to 31 Oct. 2025)	Revision-first and second unit
Week XIV (03 Nov 2025 to 08 Nov 2025)	Revision-third and fourth unit
Week XIV (10 Nov 2025 to 18 Nov 2025)	Discussion regarding all doubt
19 Nov 2025 (exam)	

Mr. Gurnam Singh
Department of Geography

GOVT COLLEGE HODAL, PALWAL

Lesson Plan- Class: M.A. 1st sem

Resource Geography

(SESSION 2025-26)

week	TOPICS
Week II -(21 Jul. 2025 to 26th Jul. 2025)	Nature, Scope and Significance of Geography of Resource;
Week III (28 Jul. 2025 to 30th Jul. 2025)	Definition and Concept of Resources, Classification of Resources.
Week IV (04 Aug. 2025 to 08 Aug. 2025)	Models of Natural Resource Processes: Presentation
Week V- (11Aug. 2025 to 14 Aug. 2025)	Zimmermann's Primitive and Advance Models of Natural Resource Process,
Week VI- (18 Aug. 2025 to 23 Aug. 2025)	Kirk's Decision Model, Brookfield System Model.
Week VII-(25 Aug. 2025 to 30 Aug. 2025)	Use and Misuse of Resources Presentation
Week VIII (1 Sept. 2025 to 6 Sept. 2025)	Soil Resource; Water Resource Test
Week IX (8 Sept. 2025 to 13 Sept. 2025)	Forest Resource and Mineral Resources
Week X (15 Sept 2025 to 20 Sept 2025)	Future Prospects of Natural Resources.
Week XI (22 Sept 2025 to 27 Sept 2025)	Conservation and Management of Natural Resources: Presentation
Week XII (01 Oct 2025 to 04Sept 2025)	Meaning and Concept of Conservation of Natural Resources
Week XIII (06 Oct. 2025 to 11 Oct. 2025)	Resource Conservation and Management Methods of Natural Resources-
Week XIV (13 Oct. 2024 to 18 Oct. 2025)	Soil Resource, Water Resource, and Forest Resource; Test
Week XV (23 Oct. 2025 to 25 Oct. 2025)	Problems of Natural Resource Management in India.
Week XVI (27 Oct. 2025 to 31 Oct. 2025)	Revision-first and second unit
Week XIV (03 Nov 2025 to 08 Nov 2025)	Revision-third and fourth unit
Week XIV (10 Nov 2025 to 18 Nov 2025)	Discussion regarding all doubt
19 Nov 2025 (exam)	

Dr. Ramkishor
Department of Geography

GOVT COLLEGE HODAL, PALWAL

Lesson Plan- Class: M.A. 3rd sem

Remote Sensing

(SESSION 2025-26)

week	TOPIC
Week II -(21 Jul. 2025 to 26th Jul. 2025)	Introduction, development and applications of Remote Sensing technology;
Week III (28 Jul. 2025 to 30th Jul. 2025)	Electromagnetic radiation and remote sensing; Energy interactions in atmosphere; Energy interactions with earth surface features;
Week IV (04 Aug. 2025 to 08 Aug. 2025)	Spectral signatures Basic concepts and advantages of– Optical Remote Sensing Remote Sensing;
Week V- (11Aug. 2025 to 14 Aug. 2025)	Remote Sensing below Ground Surface ,Presentation
Week VI- (18 Aug. 2025 to 23 Aug. 2025)	Thermal Remote Sensing; Microwave Remote Sensing; Hyper spectral
Week VII-(25 Aug. 2025 to 30 Aug. 2025)	Ground investigations in Remote Sensing.
Week VIII (1 Sept. 2025 to 6 Sept. 2025)	Platforms: Airborne and Space borne;
Week IX (8 Sept. 2025 to 13 Sept. 2025)	Sensors: Passive and Active; Image data characteristics:
Week X (15 Sept 2025 to 20 Sept 2025)	Spatial, Spectral, Radiometric and Temporal. Presentation
Week XI (22 Sept 2025 to 27 Sept 2025)	History and development of Indian Space Programme
Week XII (01 Oct 2025 to 04Sept 2025)	; General Satellite Programmes Test
Week XIII (06 Oct. 2025 to 11 Oct. 2025)	: IRS Satellite Series, INSAT Series, Gagan Satellite Navigation System;
Week XIV (13 Oct. 2024 to 18 Oct. 2025)	Extra-terrestrial exploration: Lunar exploration, Mars exploration
Week XV (23 Oct. 2025 to 25 Oct. 2025)	, Solar probes; International co-operations.
Week XVI (27 Oct. 2025 to 31 Oct. 2025)	Revision-first and second unit
Week XIV (03 Nov 2025 to 08 Nov 2025)	Revision-third and fourth unit
Week XIV (10 Nov 2025 to 18 Nov 2025)	Discussion regarding all doubt
19 Nov 2025 (exam)	

Mr. Gurnam Singh
Department of Geography

GOVT COLLEGE HODAL, PALWAL

Lesson Plan- Class: M.A. 3rd sem

Geographical Information System

(SESSION 2025-26)

week	TOPIC
Week II -(21 Jul. 2025 to 26th Jul. 2025)	Introduction to GIS: Meaning, Concept, History and development
Week III (28 Jul. 2025 to 30th Jul. 2025)	Scope and significance of GIS; Components and basic functions of GIS;
Week IV (04 Aug. 2025 to 08 Aug. 2025)	Recent trends in GIS;GIS education in India (Presentation)
Week V- (11Aug. 2025 to 14 Aug. 2025)	Issues, progress and challenges; Significance of GIS in geography.
Week VI- (18 Aug. 2025 to 23 Aug. 2025)	Geographical data characteristics and sources
Week VII-(25 Aug. 2025 to 30 Aug. 2025)	Nature, Types and sources; Accessibility and availability
Week VIII (1 Sept. 2025 to 6 Sept. 2025)	Spatial database (Presentation)
Week IX (8 Sept. 2025 to 13 Sept. 2025)	Models: Hierarchal, Network, Geo-relational, Object based and field-based
Week X (15 Sept 2025 to 20 Sept 2025)	Model; Spatial data model: Raster and vector. Test
Week XI (22 Sept 2025 to 27 Sept 2025)	Spatial analysis: Raster & vector overlay; Buffer analysis
Week XII (01 Oct 2025 to 04Sept 2025)	;Digital surface model: DSM,DTM&DEM, Spatial Interpolation
Week XIII (06 Oct. 2025 to 11 Oct. 2025)	: IDW, Spline& Kriging methods; Network analysis. (Presentation)
Week XIV (13 Oct. 2024 to 18 Oct. 2025)	Applications of GIS in regional development &planning, Agriculture,
Week XV (23 Oct. 2025 to 25 Oct. 2025)	Hydrology, Urban and environmental studies.
Week XVI (27 Oct. 2025 to 31 Oct. 2025)	Revision-first and second unit
Week XIV (03 Nov 2025 to 08 Nov 2025)	Revision-third and fourth unit
Week XIV (10 Nov 2025 to 18 Nov 2025)	Discussion regarding all doubt
19 Nov 2025 (exam)	

Mr. Gurnam Singh
Department of Geography

GOVT COLLEGE HODAL, PALWAL

Lesson Plan- Class: M.A. 3rd sem

Oceanography

(SESSION 2025-26)

week	TOPICS
Week II -(21 Jul. 2025 to 26th Jul. 2025)	Definition and scope of oceanography,
Week III (28 Jul. 2025 to 30th Jul. 2025)	major sea voyages, oceanography and other sciences;
Week IV (04 Aug. 2025 to 08 Aug. 2025)	distribution pattern of land and sea, origin of ocean basins
Week V- (11Aug. 2025 to 14 Aug. 2025)	: Wegner's drift hypothesis, and sea floor spreading and Plate Tectonics.
Week VI- (18 Aug. 2025 to 23 Aug. 2025)	Depth of ocean, ocean floor profile-continental shelf, slope(Presentation)
Week VII-(25 Aug. 2025 to 30 Aug. 2025)	, ridge and deeps, abyssal plains; submarine canyons; coral reefs-origin
Week VIII (1 Sept. 2025 to 6 Sept. 2025)	and distribution; ocean deposits; configuration of ocean floors of Indian Ocean and Atlantic Ocean
Week IX (8 Sept. 2025 to 13 Sept. 2025)	Temperature of oceans; salinity in oceans; density of oceans;
Week X (15 Sept 2025 to 20 Sept 2025)	dynamics of ocean currents; currents of Atlantic,
Week XI (22 Sept 2025 to 27 Sept 2025)	Pacific and Indian Ocean; tides and origin; Tsunami.
Week XII (01 Oct 2025 to 04Sept 2025)	Ocean currents and their impact on climate and economy
Week XIII (06 Oct. 2025 to 11 Oct. 2025)	oceans as source of food, mineral and energy resources
Week XIV (13 Oct. 2024 to 18 Oct. 2025)	Sea-level changes; evidences, mechanism and impact; maritime laws.
Week XV (23 Oct. 2025 to 25 Oct. 2025)	Presentation
Week XVI (27 Oct. 2025 to 31 Oct. 2025)	Revision-first and second unit
Week XIV (03 Nov 2025 to 08 Nov 2025)	Revision-third and fourth unit
Week XIV (10 Nov 2025 to 18 Nov 2025)	Discussion regarding all doubt
19 Nov 2025 (exam)	

Dr. Ramkishor
Department of Geography

GOVT COLLEGE HODAL, PALWAL

LESSON PLAN (SESSION 2025-26) Odd SEMESTER

Lesson Plan- Class: B.A. 5th Sem (Even Sem)

(Theory)

Dr Ramkishor, Extension Lecturer of Geography

Subject: ***Geography***

week	TOPICS
Week I (15 Jul. 2025 to 19th Jul. 2025)	Nature and Scope of Economic Geography ,Economic Geography as a dynamic subject
Week II (21 st Jul. 2025 to 26th Jul. 2025)	Economic Activities: Primary Activities-
Week III (28 Jul. 2025 to 30th Jul. 2025)	Hunting Lumbering Animal Grazing and Animal Rearing
Week IV (04 Aug. 2025 to 08 Aug. 2025)	Industry Distribution of Major Industrial Regions &
Week V (11Aug. 2025 to 14 Aug. 2025)	Fishing Agriculture Mining Secondary Activities
Week VI (18 Aug. 2025 to 23 Aug. 2025)	Quaternary Activities Quinary Activities Assignment based on Chapters 1 and 2. World natural.
Week VII (25 Aug. 2025 to 30 Aug. 2025)	Classification of Resources
Week VIII (1 Sept. 2025 to 6 Sept. 2025)	: Classification of Resources and Utilisation & Conservation of Resources
Week IX (8 Sept. 2025 to 13 Sept. 2025)	Agricultural Resources Food grain Crops- Wheat & Rice
Week X (15 Sept 2025 to 20 Sept 2025)	Commercial & Industrial Crops- Cotton Sugarcane Rubber Tea & Coffee
Week XI (22 Sept 2025 to 27 Sept 2025)	: Mineral Resources- Iron ore & Coal
Week XII (01 Oct 2025 to 04Sept 2025)	Mineral Resources- Petroleum & Natural Gas
Week XIII (06 Octu 2025 to 11 Oct. 2025)	Manufacturing Industries: Iron & Steel Industry &
Week XIV (13 Oct. 2024 to 18 Oct. 2025)	Manufacturing Industries- Cotton Textile Silk Textile Jute
Week XV (23 Oct. 2025 to 25 Oct. 2025)	Transport & Communication: Land Air & Water Transportation. Problem solving & test
Week XVI (27 Oct. 2025 to 31 Oct. 2025)	Transport & Communication: Land Air & Water Transportation. Problem solving & oral test.
Week XIV (03 Nov 2025 to 08 Nov 2025)	International Trade &
Week XIV (10 Nov 2025 to 18 Nov 2025)	Discution Regarding all Doubt
19 Nov 2025 (exam)	Revision-First 5 All Chapter

GOVT COLLEGE HODAL, PALWAL

LESSON PLAN (SESSION 2025-26) Odd SEMESTER

Class: B.Sc. 1st Semester

Subject: *Physics*

Faculty: *Mr. Ravi Riwariya*

Months	Week 1 Admission	Week 2 Admission	Week 3 Admission	Week 4
July				Basics of Mechanics: Mechanics of single and system of particles. Conservation law of linear momentum. Angular momentum and mechanical energy for a particle and a system of particles.
August	Centre of Mass and equation of motion. Constrained Motion. Work and Kinetic Energy Theorem. Conservative and neoconservative forces. Potential Energy.	Energy diagram. Stable and unstable equilibrium. Elastic potential energy. Force as gradient of potential energy.	Work & Potential energy. Work done by non-conservative forces. Law of conservation of Energy.	Generalized Notations: Degrees of freedom and Generalized coordinates. Transformation equations.
September	Generalized Displacement, Velocity, Acceleration, Momentum, Force and Potential, Components of Velocity and Acceleration in Cylindrical and Spherical Coordinate Systems.	Hamilton's variation principle, Lagrange's equation of motion from Hamilton's principle, Linear Harmonic oscillator, Simple pendulum, Atwood's machine Assignment & Presentation	Rotational Dynamics: Rotation of Rigid body, moment of inertia, torque, angular momentum, kinetic energy of rotation. Theorems of perpendicular and parallel axes with proof. Moment of inertia of solid sphere, Monthly Test	Hollow sphere, spherical shell, solid cylinder, hollow cylinder and solid bar of rectangular cross-section. Acceleration of a body rolling down on an inclined plane. Kinetic energy of rotation. Motion involving both translation and rotation.
October	Special Theory of Relativity: Non-inertial frames and fictitious forces. Uniformly rotating frame. Laws of Physics in rotating coordinate systems. Centrifugal force	Coriolis force and its applications. Michelson-Morley Experiment and its outcome. Postulates of Special Theory of Relativity.	Lorentz Transformations. Simultaneity and order of events. Lorentz contraction. Time dilation. Relativistic transformation of velocity, frequency and wave number.	Relativistic addition of velocities. Variation of mass with velocity. Massless Particles. Mass-energy Equivalence. Relativistic Doppler effect.
November	Relativistic Kinematics. Transformation of Energy and Momentum. Energy-Momentum Four Vector. Numerical Problems.	Monthly Test and Assignment.	Revision	Revision

Date:

Signature:



GOVT COLLEGE HODAL, PALWAL

LESSON PLAN (SESSION 2025-26) Odd SEMESTER

Class: B.Sc. 5th Semester

Subject: *Physics*

Faculty: *Mr. Ravi Riwariya*

Months	Week 1	Week 2	Week 3	Week 4
July	Admission	Admission	Admission	Failure of (Classical) E.M. Theory. quantum theory of radiatio (old quantum theory), Photon,
August	Photoelectric effect and Einsteins photoelectric equation compton effect (theory and result). Inadequancy of old quantum theory,	De-Broglie hypothesis. Davisson and Germer experiment. G.P. Thomson experiment. Phase velocity group velocity,	Heisenberg's uncertainty principle. Time-energy and angular momentum, position uncertainty Uncertainty principle from de-Broglie wave,	Wave-partice duality. Gamma Ray Macroscope, Electron diffraction from a slit. Monthly Test and Assignment.
September	Derivation of time dependent Schrodinger wave equation, eigen values, eigen functions,	Wave functions and its significance. Normalization of wave function, concept of observable and operator.	Solution of Schrodinger equation for harmonic oscillator ground states and excited states.	Application of Schrodinger equation in the solution of the following one-dimensional problems
October	Free particle in one dimensional box (solution of schrodinger wave equation, eigen function, eigen values,	Quantization of energy and momentum, nodes and antinodes, zero point energy	i) One-dimensional potential barrie $E > V_0$ (Reflection and Transmission coefficient	ii) One-dimensional potential barrier, $E > V_0$ (Reflection Coefficient Monthly Test and Assignment.
November	Penetration of leakage coefficient, penetration depth).	Revision	Revision	

Date:

Signature:



TEACHING LESSON PLAN

Class: BSc.

Subject: Chemistry

Semester: 1st

Name Of Faculty: Dr. Sanju Agrawal

Session: 2025-26

MONTH	
JULY	Chemical Bonding and Molecular Structure Ionic bond, lattice energy, Born-Haber cycle and its applications
AUGUST	Hydration energy, bond moment, dipole moment and percentage ionic character. Resonance and resonance energy: study of some inorganic and organic compounds. Molecular Orbital Approach: LCAO method, bonding and antibonding MOs and their characteristics for s-s, s-p and p-p combination of atomic orbitals, non-bonding combination of orbitals, MO treatment of homonuclear diatomic molecules of 1st and 2nd periods (including idea of s-p mixing) and heteronuclear diatomic molecules such as O ₂ ²⁻ , N ₂ ²⁻ , CO, NO ⁺ , CN ⁻ . Comparison of VB and MO approaches
SEPTEMBER	p-Block Elements: Oxides – structures of oxides of N, P. Oxyacids – structure and relative acid strengths of oxyacids of nitrogen and phosphorus. Structure of white, yellow and red phosphorus. Oxyacids of sulphur – structures and acidic strength, H ₂ O ₂ – structure, properties and uses. Basic properties of halogen, interhalogen compounds – types and properties, halogen-acids and oxyacids of chlorine – structure and comparison of acidic strength. Acids and Bases: Brønsted–Lowry concept, conjugate acids and bases, relative strengths of acids and bases, effects of substituent and solvent, differentiating and levelling solvents. Lewis acid-base concept, classification of Lewis acids and bases, Lux-Flood concept.
OCTOBER	Gaseous States: Maxwell's distribution of velocities and energies (derivation excluded), calculation of root mean square velocity, average velocity and most probable velocity. Collision diameter, collision number, collision frequency and mean free path, deviation of real gases from ideal behaviour, derivation of Van der Waals Equation of state and its applications in the calculation of Boyle's temperature (compression factor), explanation of behaviour of real gases using Vander Waals equation. Critical Phenomenon: Critical temperature, critical pressure, critical volume and their determination. PV isotherms of real gases, continuity of states, isotherms of Van der Waals equation, relationship between critical constants and Van der Waals constants, compressibility factor. Law of corresponding states.
NOVEMBER	Basics of Organic Chemistry and Stereochemistry: Electronic displacements and its applications, reaction intermediates and concept of aromaticity. Concept of isomerism, types of isomerism, optical isomerism, optical activity, elements of symmetry, molecular chirality, enantiomers, stereogenic centre, properties of enantiomers, chiral and achiral molecules with two stereogenic centres, diastereomers, threo and erythro diastereomers, meso compounds, resolution of enantiomers, inversion, retention and racemization, relative and absolute configuration, sequence rules, R & S system of nomenclature. REVISION + TEST

Principal

TEACHING LESSON PLAN

Class: BSc.

Subject: Chemistry

Semester: 2nd

Name Of Faculty: Dr. Sanju Agrawal

Session: 2025-26

MONTH	
JANUARY	Non-aqueous Solvents Physical properties of a solvent, types of solvents and their general characteristics, solvent system concept, reactions in non-aqueous solvents with reference to liquid NH₃ and liquid SO₂. Hard and soft acids and bases (HSAB concept), applications of HSAB principle. Noble Gases Occurrence and uses, rationalization of inertness of noble gases, clathrates, preparation and properties, chemical properties of the noble gases, chemistry of xenon: structure and bonding in xenon fluorides, oxides and oxyfluorides (XeF₂, XeF₄, XeF₆, XeO₃, XeO₄, XeOF₂, XeO₂F₂, XeOF₄, XeF₅⁺, XeF₅⁻), nature of bonding in noble gas compounds (valence bond treatment and MO treatment for XeF₂ and XeF₄), molecular shapes of noble gas compounds (VSEPR theory).
FEBRUARY	Thermodynamics Brief discussion upto first law of thermodynamics, heat capacity, heat capacities at constant volume and pressure and their relationship. Joule's law, Joule–Thomson coefficient for ideal gases and real gases and inversion temperature, calculation of work and heat, dU & dH for the expansion of ideal gases and real gases under isothermal and adiabatic conditions for reversible and irreversible processes, enthalpy and internal energy change at constant P, V & T, Kirchhoff's equation. Second law of thermodynamics and its limitations, different statements of the law, Carnot's cycle and its efficiency, Carnot's theorem, thermodynamics scale of temperature. Concept of entropy– entropy as a state function, entropy change in ideal gases, entropy as a function of V & T, entropy as a function of P & T, entropy as a function of P & V, entropy as a criterion of spontaneity and equilibrium.
MARCH	Hydrocarbons Alkanes: Physical and chemical properties of alkanes, free radical substitutions, halogenation, concept of relative reactivity v/s selectivity. Alkenes: Structure and isomerism, general methods of preparation, physical and chemical properties. Mechanism of E1, E2, E1cb reactions, Saytzeff and Hoffmann elimination, electrophilic addition (mechanism with suitable examples), Markownikoff rule, syn and anti-addition, addition of H₂, X₂ oxymercuration-demercuration, hydroboration- oxidation, ozonolysis, hydroxylation. Alkynes: General methods of preparation, reactions of alkynes: acidity, electrophilic and nucleophilic additions, hydration to form carbonyl compounds, alkylation of terminal alkynes.
APRIL	Aromatic Hydrocarbons and Dienes Concept of aromaticity, Huckel's rule, aromatic character of arenes, cyclic carbocations and carbanions with suitable examples and heterocyclic compounds with suitable examples, electrophilic aromatic substitution: halogenation, nitration, sulphonation, Friedel Crafts alkylation/ acylation with their mechanism, directing effects of groups in electrophilic substitution, nomenclature and classification of dienes: isolated, conjugated and cumulated dienes. Structure of butadiene, chemical reactions- 1, 2 and 1, 4 additions (electrophilic and free radical mechanism), Diels – Alder reaction.
MAY	REVISION+TEST

TEACHING LESSON PLAN

Class:BSc.

Subject:Chemistry

Semester:3rd

Name Of Faculty: Dr.Sanju Agrawal

Session:2025-26

MONTH	
JULY	Chemistry of Transition series elements General characteristics of transition metals,
AUGUST	brief discussion of differences between the first, second and third transition series, stability of various oxidation states, magnetic and spectral properties. Binary compounds and complexes illustrating relative stability of their oxidation states. Chemistry of Ti, V, Cr, Mn, Fe, Co, Mo and W in various oxidation states, some important compounds as laboratory reagents: potassium dichromate, potassium permanganate, potassium ferrocyanide, potassium ferricyanide, sodium nitroprusside and sodium cobaltinitrite.
SEPTEMBER	Thermodynamics-II Third law of thermodynamics: Nernst heat theorem, concept of residual entropy, evaluation of absolute entropy from heat capacity data. Gibbs and Helmholtz functions, Gibbs function (G) and Helmholtz function (A) as thermodynamic quantities, A & G as criteria for spontaneity, thermodynamic equilibrium and their advantage over entropy change. Variation of G and A with P, V and T. Partial molar quantities.
OCTOBER	Electrochemistry Arrhenius theory of ionization, Ostwald's Dilution Law. Debye-Huckel-Onsager's equation for strong electrolytes (elementary treatment only), transport number, definition and determination by Hittorf's methods. Electrolytic conduction, factors affecting electrolytic conduction. Applications of conductivity measurements: determination of dissociation constant (K _a) and degree of dissociation, determination of solubility product of sparingly soluble salts, conductometric titrations. Definition of pH and pK _a , buffer solution, buffer action, Henderson – Hasselbalch equation, buffer mechanism of buffer action. Reversible electrodes – Metal- metal ion gas electrode, metal – metal insoluble salt- anion electrode and redox electrode.
NOVEMBER	Alkyl and aryl halides Alkyl halide: Nomenclature and classes of alkyl halides, general methods of preparation, physical properties and chemical reactions, mechanisms (S _N 1, S _N 2, E1, E2 and E1cb) and stereochemistry of nucleophilic substitution reactions of alkyl halides with energy profile diagrams, elimination vs substitution reactions. Aryl halides: Methods of preparation, Reactions: Aromatic nucleophilic substitution and effect of substituents on reactivity. Benzyne Mechanism: KNH ₂ /NH ₃ (or NaNH ₂ /NH ₃), reactivity and relative strength of C-halogen bond in alkyl, allyl, benzyl, vinyl and aryl halides. REVISION + TEST

Principal

TEACHING LESSON PLAN

Class:BSc.

Subject:Chemistry

Semester:4th

Name Of Faculty: Dr.Sanju Agrawal

Session:2025-26

MONTH	
JANUARY	Coordination Compounds Coordination compounds, ligands, coordination number, oxidation states, coordination entity, IUPAC nomenclature of coordination compounds, isomerism in coordination compounds with coordination numbers 4 and 6. Chelates and chelate effect, Valence bond theory and its application to complexes of coordination numbers 4 and 6. Examples of inner and outer orbital complexes, limitations of VBT. Basic idea of Crystal field theory.
FEBRUARY	Magnetic Properties of Transition Metal Complexes Types of magnetic behavior, methods of determining magnetic susceptibility, spin-only formula. L-S coupling, correlation of μ_s and μ_{eff} values, orbital contribution to magnetic moments, applications of magnetic moment data for 3d metal complexes. 41 Thermodynamic and Kinetic Aspects of Metal Complexes: A brief outline of thermodynamic stability of metal complexes and factors affecting the stability, substitution reactions of square planar complexes of Pt (II).
MARCH	Kinetics and Chemical Equilibrium Integrated rate expression for first, second and third order reaction and their half-life period. Methods of determination of order of reaction. Effect of temperature on the rate of reaction – Arrhenius equation. Theories of reaction rate–Simple collision theory for unimolecular and bimolecular collision. Transition state theory of bimolecular reactions. Equilibrium constant and free energy, concept of chemical potential, thermodynamic derivation of law of chemical equilibrium. Temperature dependence of equilibrium constant, Van't Hoff reaction isochores, Van't Hoff reaction isotherm. Le-Chatelier's principle and its applications, Clapeyron equation and Clausius – Clapeyron equation & its applications.
APRIL	Alcohols, Phenols and Ethers Alcohols: General methods of preparation using Grignard reagent, ester hydrolysis, reduction of aldehydes, ketones, carboxylic acid and esters. Reactions: with sodium, HX (Lucas test), esterification, oxidation (with PCC, alk. $KMnO_4$, acid. dichromate, con. HNO_3). Oppeneauer oxidation. Diols: Oxidation of diols. Pinacol Pinacolone rearrangement. Phenols: Methods of preparation, physical properties and acidic character. Reactions: electrophilic substitution (nitration, halogenation and sulphonation). Reimer-Tiemann reaction, Gattermann-Koch reaction, Houben-Hoesch condensation, Schotten-Baumann reaction. Ethers (aliphatic and aromatic): Cleavage of ethers with HI.
MAY	REVISION + TEST

Principal

TEACHING LESSON PLAN

Class:BSc.

Subject: Chemistry

Semester:5th

Name Of Faculty: Dr.Sanju Agrawal

Session:2025-26

MONTH	
JULY	NMR Spectroscopy-I Principle of nuclear magnetic resonance, the PMR spectrum,number of signals
AUGUST	peak areas, equivalent and non equivalent protons positions of signals and chemical shift,shielding and deshielding of protons, proton counting,splitting of signals and coupling constants, magnetic equivalence of protons. NMR Spectroscopy-II Discuss ion of PMR spectra of the molecules: ethyl bromide, npropyl bromide, isopropyl bromide, 1,1-dibromoethane, 1,1,2-tribromoethane, ethanol, acetaldehyde, ethyl acetate, toluene, benzaldehyde and acetophenone
SEPTEMBER	Simple problems on PMR spectroscopy for structure determination of organic compounds Carbohydrates-I Classification and nomenclature. Monosaccharides, mechanism of osazone formation, interconversion of glucose and fructose, chain lengthening and chain shortening of aldoses. Configuration of monosaccharides. Erythro and threo diastereomers. Conversion of glucose into mannose. Formation of glycosides, ethers and esters.
OCTOBER	Determination of ring size of glucose and fructose. Open chain and cyclic structure of D(+)-glucose & D(-) fructose. Mechanism of mutarotation. Structures of ribose and deoxyribose. Carbohydrates-II An introduction to disaccharides (maltose, sucrose and lactose) and polysaccharides (starch and cellulose) without involving structure determination. Organometallic Compounds Organomagnesium compounds: the Grignard reagents-formation, structure and chemical reactions
NOVEMBER	Organozinc compounds: formation and chemical reactions. Organolithium compounds: formation and chemical reactions REVISION + TEST

Principal

TEACHING LESSON PLAN

Class: BSc.

Subject: Chemistry

Semester: 6th

Name Of Faculty: Dr. Sanju Agrawal

Session: 2025-26

MONTH	
JANUARY	Organosulphur Compounds Nomenclature, structural features Methods of formation, chemical reactions of thiols, thioethers, sulphonic acids
FEBRUARY	sulphonamides and sulphaguanidine. Synthetic detergents alkyl and aryl sulphonates. Heterocyclic Compounds Introduction: Molecular orbital picture and aromatic characteristics of pyrrole, furan, thiophene and pyridine, Methods of synthesis and chemical reactions with particular emphasis on the mechanism of electrophilic substitution Mechanism of nucleophilic substitution, reactions in pyridine derivatives. Comparison of basicity of pyridine, piperidine and pyrrole Introduction to condensed five and six- membered heterocycles. Preparation and reactions of indole, quinoline and isoquinoline with special reference to Fisher indole synthesis
MARCH	Skraup synthesis and Bischler-Napieralski synthesis. Mechanism of electrophilic substitution reactions of quinoline and isoquinoline Organic Synthesis via Enolates Acidity of α -hydrogens, alkylation of diethyl malonate and ethyl acetoacetate Synthesis of ethyl acetoacetate: the Claisen condensation Keto-enol tautomerism of ethyl Acetoacetate Amino Acids, Peptides & Proteins Classification of amino acids. Acid-base behaviour, isoelectric point and electrophoresis, Preparation of α -amino acids. Structure and nomenclature peptides and proteins. Classification of proteins
APRIL	Peptide structure determination. end group analysis, selective hydrolysis of peptides. Classical) peptide synthesis, solid- phase peptide synthesis. Structures of peptides and proteins: Primary & Secondary structure Synthetic Polymers Addition or chain-growth polymerization. Free radical vinyl polymerization, ionic vinyl polymerization. Ziegler-Natta polymerization and vinyl polymers, condensation or step Growth polymerization Polyesters, polyamides, phenol formaldehyde resins, urea formaldehyde resins, epoxy resins and polyurethanes. Natural and synthetic rubbers
MAY	REVISION+TEST

Principal

Lesson Plan 2025 -2026

Subject -History (Major)

Faculty Name: Veeresh

Class...B.A 1 st	Week 1	Week 2	Week 3	Week 4
July 2025	Admission	Admission	Early notions of History, sources and tools of historical reconstruction	Prehistoric hunters and gatherers (Palaeolithic & Mesolithic Age)
August 2025	The advent of food production (Neolithic Age)	Introduction of metals and craft specialization(Chalcolithic Age)	Harappan civilization: main features	Harappan civilization: main features
September 2025	The Vedic Age: Social, Economic and Political life	Advent of Iron and Painted Grey Ware Culture	Second urbanization and territorial states	Age of reason and revolt: Jainism and Buddhism
October 2025	Emergence of the First Empire: Rise of Magadhan Empire and the Mauryas	Emergence of the First Empire: Rise of Magadhan Empire and the Mauryas	Sangam Age	The Satavahanas
November 2025	The Sungas	The Kushanas	Revision	Revision
December 2025	Examinations	-	-	-

Lesson Plan Department of History

Class...B.A. 5th Semester

Session.....2025-26

Faculty Name...Mr.Veeresh

Month	Week 1	Week 2	Week 3	Week 4
July 2025	Admission	Admission	Admission	Hunting – gathering stage: Palaeolithic and Mesolithic cultures
August 2025	Food producing stage: Neolithic developments	Sumerian Civilization : Socio-economic structure	Egyptian Civilization : Socio-economic structure	Greek Civilization : Polity, Socio- economic structure
September 2025	Roman Civilization : Polity, Socio- economic structure	Feudalism : Salient features	Feudalism	Role of Church in Medieval Europe
October 2025	Pre-Islamic Arabia	Rise of Islam	Evolution of state under Islam	Society under Islam
November 2025	Maps : 1.Important sites of Bronze Age civilizations of Egypt / Sumer 2. Main Centers of Greek Civilization	Maps : 3.Empire under Abbasids 4.Trade Routes and Towns during Medieval Europe	Revision	Revision
December 2025	Examinations	-	-	-

Lesson Plan Department of History (Major)

Class...B.A. 3rd sem

Session.....2025-26

Faculty Name Mr. Veeresh

Month	Week 1	Week 2	Week 3	Week 4
July 2025	Admission	Admission	Admission	British Relations with Princely States
August 2025	Policies of Lord Canning, Lytton, Ripon & Curzon.	The Acts - 1858, 1892	The Acts -1919 & 1935	Emergence of Organized Nationalism - Formation of Indian National Congress and its Programme
September 2025	Partition of Bengal, Swadeshi Movement	Gandhian Movement - Nature, Programme, Social Composition	The Revolutionary Movements	Simon Commission, August Offer, Cripps Mission, Cabinet Plan
October 2025	Communal Politics and Partition of India	Mountbatten Plan	C. Rajgopalacharya Plan	Vision of New India - Planned Economy
November 2025	Working of Jawaharlal Nehru as Prime Minister	Salient Features of the Indian Constitution	Revision	Revision
December 2025	Examinations	-	-	-