



St. THOMAS SCHOOL, KIDWAI NAGAR KANPUR
ANNUAL SYLLABUS: 2025-26
CLASS - XI

CHEMISTRY

1st UNIT:-

- Chapter 2. Structure of Atom
Chapter 3. Periodic Table

HALF-YEARLY:-

- Chapter 1. Some Basic Concept of Chemistry
Chapter 2. Structure of Atom
Chapter 3. Periodic Table
Chapter 4. Chemical Bonding
Chapter 5. Redox Reaction

2nd UNIT:-

- Chapter 1. Some Basic Concepts of Chemistry
Chapter 5. Redox Reactions
Chapter 8. General Organic Chemistry

FINAL EXAMINATION:- Full Syllabus

ENGLISH LANGUAGE

UNIT – I

1. Report writing
2. Phrasal verbs
3. Tenses
4. Transformation of Sentences

HALF YEARLY EXAMINATION

1. Composition
2. Report Writing
3. Proposal writing
4. Transformation of Sentences
5. Phrasal Verbs/Prepositions
6. Tenses
7. Comprehension

UNIT-II

1. Proposal writing
2. Phrasal verb
3. Tenses
4. Transformation of Sentences

FINAL EXAMINATION

1. Composition
2. Report Writing
3. Proposal writing
4. Transformation of Sentences
5. Phrasal Verbs/Prepositions
6. Tenses
7. Comprehension

LITERATURE IN ENGLISH

UNIT – I

Story : Lesson 1 (A Living God)

Poems : Lesson 1 (Abhisara)

Play : Act I Scene 1 and 2

HALF YEARLY EXAMINATION

Story : Lesson 1 (A Living God)

Lesson 2 (Advice to Youth)

Poems : Lesson 1 (Abhisara) Lesson
2 (Why I Like The Hospital)

Play : Act I Scene 1,2,3,4, 5,6 &7.

UNIT-II

Story : Lesson 3 (The Paper Menagerie)

Poem : Lesson 3 (Sonnet 116)

Play : Act I scene 6 and 7; Act II Scene 1

FINAL EXAMINATION

Story : Lesson 1 (A Living God)

Lesson 2 (Advice to Youth)

Lesson 3 (Paper Menagerie)

Lesson 4 (The Great Automatic Grammatizator)

Lesson 5 (Thank You, Ma'am)

Poems : Lesson 1 (Abhisara)

Lesson 2 (Why I Like The Hospital)

Lesson 3 (Sonnet 116)

Lesson 4 (Death of a Naturalist)

Lesson 5 (Strange Meeting)

Play : Act I & Act II

MODERN ENGLISH

UNIT – I

Story : Lesson 1 (Lawley Road)

Poems : Lesson 1 (Father Returning Home)

Play : Pygmalion- Act I

HALF YEARLY EXAMINATION

Stories: Lesson 1 : Lesson 1 (Lawley Road – R.K. Narayan)

Lesson 2: (The Landlady – Roald Dahl)

Poems : Lesson 1 (Father Returning Home)

Lesson 2 (Life Doesn't Frighten Me– Maya Angelou)

Play : (Pygmalion): Act I (Complete)

UNIT-II

Story : Lesson 3 (Most Beautiful – Ruskin Bond)

Poem : Lesson 3 (Sadness Comes–Donna Ashworth)

Play : Act I

FINAL EXAMINATION

Stories: Lesson 1 : Lesson 1 (Lawley Road – R.K. Narayan)

Lesson 2: (The Landlady – Roald Dahl)

Lesson 3 (Most Beautiful – Ruskin Bond)

Lesson 4 (Dream-Children: Reverie – Charles Lamb)

Lesson 5 (Ratan Tata: A Life-Settling in at Cornell)

Poems : Lesson 1 (Father Returning Home)

Lesson 2 (Life Doesn't Frighten Me– Maya Angelou)

Lesson 2 (Life Doesn't Frighten Me– Maya Angelou)

Lesson 3 (Sadness Comes–Donna Ashworth)

Lesson 4 (A Prayer for My Daughter– William Butler Yeats)

Lesson 5 (Bora Ring– Judith Wright)

Play (Pygmalion) : Act I & Act II(Complete)

HINDI

Unit – 1:

काव्य मंजरी.साखी गद्य संकलन.पुत्र प्रेम। व्याकरण.वाक्य शुद्धि मुहावरे एवं लोकोद्धियां।

Half yearly examination:

काव्य मंजरी.साखी, बाल लीला ,एक फूल की चाह । गद्य संकलन.पुत्र प्रेम, गौरी, शरणागत। आषाढ़ का एक दिन नाटक अंक एक व्याकरण.दनबंध, अपदित गद्यांश, वाक्य शुद्धि ,मुहावरे. लोकोद्धियां

Unit – 2:

काव्य मंजरी.साखी, बाल लीला ,एक फूल की चाह, यह धरती दकतना िेती है। गद्य संकलन.पुत्र प्रेम, गौरी, शरणागत, सती आषाढ़ का एक दिन ,नाटक) – अंक िो व्याकरण.वाक्य शुद्धि मुहावरे लोकोद्धियां।

Final examinations:

काव्य मंजरी.साखी,बाल लीला, एक फूल की चाह, यह धरती दकतना िेती है, नी के द्वीप। गद्य संकलन.पुत्र प्रेम, गौरी, शरणागत, सती ,आउटसाइडर । आषाढ़ का एक दिन नाटक ,संपूर्ण नाटक) व्याकरण. दनबंध अपदित गद्यांश वाक्य शुद्धि मुहावरे एवं लोकोद्धियां।

PHYSICS

Unit 1

- 01 Physical World
- 02 Units
- 03 Error Analysis and Significant figures
- 04 Dimension Analysis
- 05 Motion in Straight Line
- 06 Motion in a Plane
- 07 Projectile Motion

Half yearly:

- 01 Physical World
- 02 Units
- 03 Error Analysis and Significant figures
- 04 Dimension Analysis
- 05 Motion in Straight Line
- 06 Motion in a Plane
- 07 Projectile Motion
- 08 Newton's Laws of Motion
- 09 Friction
- 10 Uniform Circular Motion
- 11 Work energy and Power
- 12 Centre of mass
- 13 Rotational Motion of rigid Body: Moment of inertia
- 14 Gravitational (1,2)
- 15 Elasticity
- 16 Fluid Pressure
- 17 Flow of Liquids
- 18 Surface Tension

Unit -2

- 01 Thermal Expansion: Calorimetry
- 02 Heat Transfer
- 03 Thermodynamics
- 04 Isothermal and Adiabatics Thermodynamics Process
- 05 Second Law of thermodynamics
- 06 Behavior of Ideal Gas and Kinetic Theory of gases

Final :

- 01 Physical World
- 02 Units
- 03 Error Analysis and Significant figures
- 04 Dimension Analysis
- 05 Motion in Straight Line

- 06 Motion in a Plane
- 07 Projectile Motion
- 08 Newton's Laws of Motion
- 09 Friction
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- 18 Surface Tension
- 19 Thermal Expansion: Calorimetry
- 20 Heat Transfer
- 21 Thermodynamics
- 22 Isothermal and Adiabatics Thermodynamics Process
- 23 Second Law of thermodynamics
- 24 Behavior of Ideal Gas and Kinetic Theory of gases
- 25 Simple Harmonic Motion
- 26 Free, Damped and forced Oscillations
- 27 Mechanical Waves
- 28 Progressive waves
- 29 Superposition of waves -1 Interference and beats
- 30 Superposition of waves -2 Stationary Waves and Vibration of Air column
- 31 Vibration of Stretched Strings
- 32 Doppler effect

COMPUTER SCIENCE

Unit - 1

Ch 1. Data Representation (Number Systems)

Half Yearly Examination

Ch 1. Data Representation (Number Systems)

Ch 2. Encoding

Ch 3. Propositional Logic, Hardware Implementation and Arithmetical Operations (Unit I and Unit II)

Ch 4. Introduction to Java Language (Unit I, Unit II and Unit III)

Ch 5. Concept of Data Types

Ch 6. Operators and Expressions

Ch 7. Conditional and Looping Statements

Ch 8. Methods and Constructors (Unit I and Unit II)

Ch 9. Character Handling and String Manipulations

Ch10. Array: Single and Double Dimensional

UNIT-2

Ch 12. Recursion

Final Examinations

Ch 1. Data Representation (Number Systems)

Ch 2. Encoding

Ch 3. Propositional Logic, Hardware Implementation and Arithmetical Operations (Unit I and Unit II)

Ch 7. Conditional and Looping Statements

Ch 8. Methods and Constructors (Unit I and Unit II)

Ch 9. Character Handling and String Manipulations

Ch10. Array: Single and Double Dimensional

Ch 11. Basic Input/output Data File Handling

Ch 12. Recursion

Ch 13. Implementation of Algorithms to solve problems.

Ch 15. Trends in Computing and Ethical Issues

BIOLOGY

UNIT-I

CH-17 Breathing and Exchange of Gases

CH-18 Body Fluids and Circulation

CH-19 Excretory Products and Their Elimination

CH-20 Locomotion and Movement

HALF-YEARLY

CH-13 Photosynthesis in Higher Plants

CH-14 Respiration in Plants

CH-21 Neural Control and Coordination

CH-22 Chemical Coordination and Control

+ UNIT-I

UNIT-II

CH-5 Morphology of Flowering Plants

CH-7 Structural Organization in Flowering Plants

CH-8 Cell: The Unit of Life

CH-9 Biomolecules

CH-10 Cell Cycle and Cell Division

ANNUAL EXAMINATION

CH-1 The Living World

CH-2 Biological Classification

CH-3 Plant Kingdom

CH-4 Animal Kingdom

CH-6 Anatomy of Flowering Plants

+UNIT-I + HALF YEARLY + UNIT-II

MATHS

Unit 1 ---

Chapter 3 - Trigonometry & Properties of Triangle

Chapter 2- Relations and Functions

Half yearly

Chapter 3 -Trigonometry & Properties of Triangle

Chapter 5-Quadratic equations

Chapter 6- Linear inequalities

Chapter 7- Permutations and combinations

Chapter 8- Binomial theorem

Chapter 9 - Sequences and series

Chapter 14 - Limits & Derivatives

Chapter 15-- Statistics

Unit 2

Chapter 1 - Sets

Chapter 10 - Straight Lines

Finals (Full course)

Chapter 2 - Relations and Functions

Chapter 4 - Complex Numbers

Chapter 11- Circles

Chapter 16- Probability

Chapter 12- Conic sections

Chapter 13-Three dimensional geometry

APPLIED MATHS

Unit 1 ---

Chapter 1- Sets

Chapter 4- Logarithms

Chapter 6- Quadratic Equations

Half yearly

Chapter 3- Trigonometry & Properties of Triangle

Chapter 6-Quadratic equations

Chapter 7- Linear and Quadratic inequalities

Chapter 8- Permutations and combinations

Chapter 9- Binomial theorem

Chapter 10 - Sequences and series

Chapter 13 - Limits & Derivatives

Chapter 14- Statistics

Chapter 1- Sets

Chapter 4- Logarithms

Chapter 5- Complex Numbers

Unit 2

Chapter 2- Relations and Functions

Chapter 10 - Straight Lines

Finals (Full course)

Chapter 12- Circles and Parabola

Chapter 15- Probability

Chapter 16- Mathematical
reasoning

Chapter 17- Compound
Interest and Annuity

Chapter 18- Taxation

Chapter 19- Utility Bills

VALUE EDUCATION

UNIT 1

Chapter 1. My Family

Chapter 2. You and Your Appearance

Chapter 3. Know Your Personality

HALF YEARLY EXAMINATION

Chapter 1. My Family

Chapter 2. You and Your Appearance

Chapter 3. Know Your Personality

Chapter 4. Sense of the Divine

Chapter 5. Ambition

Chapter 6. Stress Management

Chapter 7. No Smoking

Chapter 8. The Pandemic

UNIT 2

Chapter 9. Nurture Nature for Future

Chapter 10. Responsible Citizen

Chapter 11. Respecting Others

FINAL EXAMINATION

Chapter 1. My Family

Chapter 2. You and Your Appearance

Chapter 3. Know Your Personality

Chapter 4. Sense of the Divine

Chapter 5. Ambition

Chapter 6. Stress Management
Chapter 7. No Smoking
Chapter 8. The Pandemic
Chapter 9. Nurture Nature for Future
Chapter 10. Responsible Citizen
Chapter 11. Respecting Others
Chapter 12. Dignity of Labour
Chapter 13. Conviction Versus Convenience
Chapter 14. 21st Century Skills

COMMERCE

UNIT 1

Nature and objective of business Classification of business activity
Classification of human activity Nature and objectives of business
Classification of business activity
Introduction to business organization

HALF YEARLY EXAMINATION

Classification of human activity Nature and objectives of business
Classification of business activity
Introduction to business organization
Sole trader & Partnership
Joint stock company
Types of companies
Formation of a company
Cooperative organisation
Social responsibilities of business and ethics
Stock exchange

UNIT 2

E business and outsourcing
Wholesalers and retailers
Import and export trade
Insurance Types of insurance

FINAL EXAMINATION

All the about topics of half yearly and second term

ACCOUNTS

UNIT 1

Introduction to accounting
Basic accounting terms
Accounting equation

HALF YEARLY EXAMINATION

Introduction to accounting
Basic accounting terms
Accounting equation

Journal Ledger
Cash book and petty cash book
GST & Trial balance
Bank reconciliation statement

UNIT 2

Depreciation
Bills of exchange
Capital and revenue expenditure
Final account
Final account with adjustment.
Single entry system.
Errors and rectifications.

FINAL EXAMINATION

All the topics of 2nd unit and half yearly

ECONOMICS

UNIT I :

CH-1 Definition of Economics
CH-2 Basic Concepts of Economics
CH-18 Measures of Central Value (mean, median)

HALF-YEARLY EXAMINATION

CH-1 Definition of Economics
CH-2 Basic concepts of economics
CH-3 Basic Problem of economy
CH-4 Types of economics
CH-5 Solution of the basic problem under different economic system
CH-6 Parameters Development
CH 7 Economic growth and development
CH 8 Sustainable Development
CH-9 Planning and development in India.
CH-10 Indian Economy Post Liberalisation
CH-18 Measures of Central Value
CH- 20 Correlation

UNIT II

CH-10 Indian Economy Post Liberalisation
CH-11 Structural changes in the Indian economy after liberalisation
CH-19 Measures of Dispersion

FINAL EXAMINATION

CH-1 Definition of Economics
CH-2 Basic Concepts of economics
CH-3 Basic problem of economy
CH-4 Types of economics
CH-5 Solution of the basic problem under different economic system
CH-6 Economic growth and development

CH-7 Parameters development
CH-8 Sustainable development
CH-9 Planning and development in India
CH-10 Indian Economy Post Liberalisation
CH-11 Structural changes in Indian economy after liberalisation
CH-12 The problem of poverty of an economy
CH-13 Profile of Indian agriculture Rural development
CH-14 Human capital formation in India
CH-15 Employment and unemployment in India
CH-18 Measures of Central Value
CH-19 Measure of dispersion
CH-20 Correlation □ CH-21 Index Number

*****ALL THE BEST*****