

AKSIPS GROUP OF SMART SCHOOLS
SYLLABUS BIFURCATION – TERM WISE
CLASS – IX
SESSION -2026 -27

ENGLISH (LANGUAGE & LITERATURE) (184)
TERM I & II

READING SKILLS

- Questions based on the following kinds of unseen passages to assess inference, evaluation, vocabulary, analysis and interpretation:
- Factual/ Literary Passage (400 – 450 words)
- Case Based Passage (with verbal inputs) – 200 -250 words)

TERM I

WRITING SKILLS:

- Notice Writing, Creating a Poster (Word Limit – Up to 50 words) • Writing a Letter to the Editor, Formal E-mail on a given issue for presenting views and suggestions (Word Limit – 120–150 words)
- Writing a Speech, Magazine Article based on visual or verbal cues (Word Limit – 120–150 words)
- Narrative Essay (Word Limit – 150–180 words)

GRAMMAR

- Determiners, Sequence of Tenses, Modal Auxiliaries, Subject – Verb Concord, Reported Speech (Statements/Questions/Commands and Requests), Conditional Clause-Type 1, Clauses- Noun Clause, Relative Clause • Integrated Grammar Exercises (Paragraph Completion, Sentence Rearrangement, Sentence Transformation))

LITERATURE

KAVERI

Prose

1. How I Taught My Grandmother to Read
2. The Pot Maker
3. Winds of Change
4. Vitamin-M

Poems

- Bharat, Our Land
- Gifts of Grace: Honouring Our Vocations
- Canvas of Soil

- I Cannot Remember My Mother

TERM II

READING SKILLS

- Questions based on the following kinds of unseen passages to assess inference, evaluation, vocabulary, analysis and interpretation:
- Factual/ Literary Passage (400 – 450 words)
- Case Based Passage (with verbal inputs) – 200 -250 words)

WRITING SKILLS:

- Notice writing, Informal Invitation, Creating a Poster (Word Limit – Up to 50 words)
- Writing a Letter to the Editor, Formal E-mail on a given issue for presenting views and suggestions (Word Limit – 120–150 words)
- Writing a Speech, Factual Description, Magazine Article based on visual or verbal cues (Word Limit – 120–150 words)
- Narrative Essay (Word Limit – 150–180 words), Descriptive Essay •

All topics covered in Term I.

GRAMMAR

- All topics covered in Term I
- Integrated Grammar Exercises ((Paragraph Completion, Sentence Rearrangement, Sentence Transformation))

LITERATURE:

KAVERI

Prose

5. The World of Limitless Possibilities
6. Twin Melodies
7. Carrier of Words
8. Follow That Dream

Poems

- Nine Gold Medals
- A Friend Found in Music
- Words
- Believe in Yourself

Assessment of Listening and Speaking Skills will be for 5 marks.

MATHEMATICS (041)

TERM I

Chapter -1: Orienting Yourself: The Use of Coordinates

Chapter -2: Introduction to Linear Polynomials

Chapter -3: The World of Numbers

Chapter -4: Exploring Algebraic Identities

Chapter -5: I'm Up and Down, and Round and Round

Chapter -6: Measuring Space: Perimeter and Area

Chapter -7: The Mathematics of Maybe: Introduction to Probability Chapter

-8: Predicting what comes next? Exploring Sequences and Progression

TERM II

Book is yet to come

SCIENCE (086)

TERM I

Chapter - 1 Exploration: Entering the World of Secondary

Science Chapter - 2 Cell: The Building Block of Life

Chapter - 3 Tissues in Action

Chapter - 4 Describing Motion Around Us

Chapter - 5 Exploring Mixtures and their Separation

Chapter - 6 How Forces Affect Motion

Chapter -8 Journey Inside the Atom

TERM II

Chapter - 7 Work, Energy and Simple Machines

Chapter - 9 Atomic Foundations of Matter

Chapter - 10 Sound Waves: Characteristics and

Applications Chapter -11 Reproduction: How Life
Continues

Chapter - 12 Patterns in Life: Diversity and Classification

Chapter -13 Earth as a System: Energy, Matter and Life

SOCIAL SCIENCE (087)

Term I

Chapter 1. Understanding social science

Chapter 2. Shaping of the Earth's Surface

Chapter 3. Atmosphere and Climate

Chapter 4. Beginnings of Civilisation

Chapter 5. State and Society (upto 1000 CE)

Chapter 6. Democracy

Chapter 7. Elections

Chapter 8. Building Blocks in Economics

Chapter 9. The Price Puzzle: What derives the Market?

Term II

Chapter 1. Oceans and Life

Chapter 2. Life on Earth

Chapter 3. Building a Resilient India (1000- 1700 CE)

Chapter 4. India and the World-1 (1900 BCE- 1200 CE)

Chapter 5. Authority

Chapter From Ideas to Startups

Chapter 7. Smart Ways to Manage your Finances

ह िंदी ब (085)

Term-I

नाठ्य नस्ुतक- गंगा

गद्य भाग

नाठ- दो पैरों की कथा

नाठ - कमा लरखो?

नाठ - सोवादहीन

नाठ - ऐसी बी फातेंहोती हैं

नद्य भाग*

नाठ - यैदास के नद

नाठ - याभ, नयशयुभ, रक्षभण सोवाद

नाठ - बायतत, जम, ववजम कर्ये!

व्याकरण भाग : व्माकयण के सबी ववषम जोडेजाएँगेव यचनात्मक रेखन के बी
सबी ववषम कयवाए जाएँगे

शब्द बोडाय- सभानाथी शब्द, भहावये।

शब्द तनभाण-उनसगा, प्रत्मम

ववयाभ चिहन,सोजा ,सवानाभ,तननात

रचनात्मक रेखन - अनच्

ुछेद, अनौनचारयक नत्र, सोवाद व चचत्र वणान

अनठित बोध -अनठठत गदमोश

Term-II

ਜਾਣਕਾਰੀ ਨਸ਼੍ਰੁਤਕ- ਗੰਗਾ

ਗਦ੍ਯ ਭਾਗ:-

ਜਾਣ - ਆਖਖਯੀ ਚਟਾਨ ਤਕ

ਜਾਣ - ਧੀਡ ਕੀ ਹੜੀ

ਜਾਣ - ਭੈਂਐਯ ਭੇਯਾ ਦੇਸ਼

ਨਦਮ ਭਾਗ:-

ਜਾਣ - ਝਾੌਸੀ ਕੀ ਯਾਨੀ

ਜਾਣ - ਘਯ ਕੀ ਮਾਦ

ਵ੍ਯਾਕਰਣ ਭਾਗ :-

ਵ੍ਯਾਕਰਣ - ਵ੍ਯਾਕਰਣ ਵ ਯਚਨਾਤਮਕ ਰੇਖਨ ਕੀ ਨਜ਼
ੁ ਯਾਕਤ
੍ਰੁਤ ਹੋਗੀ

ਰਚਨਾਤਮਕ ਰੇਖਨ - ਅਨਯ
ੁਛੇਦ, ਅਨੌਜਚਾਰਯਕ ਨਤ੍ਰ, ਸੌਵਾਦ ਰੇਖਨ, ਚਚਤ੍ਰ ਰਧਾਨ

ਅਜਠਿਤ ਬੋਧ - ਅਜਠਠਤ ਗਦਸੌਸ਼

PUNJABI (004)

Term – I

ਸਾਹਿਤ ਮਾਲਾ

ਕਾਹਿਰਚਨਿਯਾਂ- ਸਮਾਂ, ਵਿਸਾਖੀ ਦਾ ਮਾਲਾ

ਿਰਤਕ - ਿਵਿਮੀ ਤਾਇਆ, ਮੁਤ੍ਰ ਿਵਖਆ ਵਿੰਡ

ਿੰਨਗੀ - ਕਾਈ: ਜਨਮਵਦਨ

ਇਕਾਂਗੀ : ਮਨਧਾਰੀ

ਹਿਆਕਰਨ : ਵਿਰਯੀ ਸ਼ਬਦ, ਵਲਿੰ ਗ ਬਦਲਾ, ਸ਼ਬਦ ਸੁੱਧੀ, ਵਿਸਵਮਕ, ਵਕਵਰਆ, ਲਖ ਰਚਨਾ, ਼ੁੱ
ਤਰ (ਵਨਿੱਜੀ ਅਤਾ ਵਬਨੈ), ਵਚੁੱ ਤਰ ਿਰਨਣ, ਮਿਰਾਯ (ਓ ਤੋਂਏ) ਅਣਵਡੁੱਠਾ ਼ਾਰਾ, ਅਣਵਡੁੱਠੀ
ਕਾਵਿ-ਟੁਕੜੀ

Term - II

ਸਾਹਿਤ ਮਾਲਾ

ਕਾਹਿ ਰਚਨਿਯਾਂ- ਮੈਂਿਜਾਬੀ, ਨਿੰ ਼ੁਰਾਈ ਤਵਿਜੀਬ, ਮਾਤਾ ਗੁਜਰੀ ਜੀ

ਿਰਤਕ- ਖੁਸ਼ੀਆਂਆਨਿੰ ਆਉਂਦੀਆਂ, ਬਬਜੀ

ਿੰ ਨਗੀ - ਕਾਣੀ: ਸਾਂਝੀ ਕਿੰ ਧ, ਬੁੱ ਸ ਕਿੰ ਡਕਟਰ
ਇਕਾਂਗੀ- ਵਸਰਜਣਾ

ਹਿਆਕਰਨ : ਵਿਰਧੀ ਸ਼ਬਦ, ਵਲਿੰ ਗ ਬਦਲ, ਸ਼ਬਦ ਸੁੱ ਧੀ, ਵਿਸਵਮਕ, ਵਕਵਰਆ,ਲਖ ਰਚਨਾ, ੁੱ
ਤਰ (ਵਨਿੱਜੀ ਅਤ ਵਬਨੇ), ਵਚੁੱ ਤਰ ਿਰਨਣ, ਮਿਾਰ (ਸ ਤੇਂ) ਅਣਵਡੁੱ ਠਾ ੀਰਾ, ਅਣਵਡੁੱ ਠੀ
ਕਾਵਿ-ਟੁਕੜੀ

INFORMATION TECHNOLOGY (402)

TERM I

PART-A Employability Skills

- Unit 1 - Communication Skills-1
- Unit 2 - Self-Management Skills-1
- Unit 3 - ICT Skills –I

PART-B Subject Specific Skills

- Unit 1- Introduction to IT- ITeS Industry
- Unit 2- Data Entry and Keyboarding Skills
- Unit 3 -Digital Documentation

TERM II

PART-A- Employability Skills

- Unit 4-Entrepreneurial Skills –I
- Unit 5-Green Skills-I

PART- B Subject Specific Skills

- Unit 4 - Electronic Spreadsheet
- Unit 5 - Digital Presentation

PART- C Practical Work

PART- D Project Work/Field Visit

ART & CRAFT

TERM I

1. Modern Art
2. Geometrical Art
3. Folk Art
4. Mosaic Art

TERM II

1. Texture Art
2. Textile Design Art

- 3. Wall Paper Design Art
- 4. Notebook Doodle Art

CLASS-X
SESSION 2026-27

ENGLISH (LANGUAGE & LITERATURE) (184)

TERM I & II

READING SKILLS:

- Question based on the following kinds of unseen passages to assess inference, evaluation, vocabulary, analysis and interpretation:

1. Discursive passage (400-450 words).
2. Case based Factual passage (with visual input/ statistical data/ chart etc. 200-250 words).

TERM I

WRITING SKILLS:

- Formal letter based on a given situation in 100-120 words. (Enquiry, complaint, Placing an Order)
- Letter to the Editor in 100-120 words.

GRAMMAR:

- Determiners, Tenses, Modals, Subject-Verb Concord, Reported Speech (Statements)
- Integrated Grammar Exercises (Gap Filling/Editing/Transformation exercises)

LITERATURE

FIRST FLIGHT: PROSE:

- A Letter to God
- Nelson Mandela: Long Walk to Freedom
- Two Stories about Flying
- From the Diary of Anne Frank
- Glimpses of India

POEMS:

- Dust of Snow
- Fire and Ice
- A Tiger in the Zoo
- How to Tell Wild Animals
- The Ball Poem

FOOTPRINTS WITHOUT FEET:

- A Triumph of Surgery

- The Thief's Story - The Midnight Visitor.
- A Question of Trust
- Footprints without Feet

TERM II

WRITING SKILLS:

- Analytical Paragraph in 100-120 words on a given Map/Chart//Graph/Cue/s.

GRAMMAR:

- Reported Speech (Questions, Commands and Requests)
- Integrated Grammar Exercises (Gap Filling/Editing/Transformation exercises)

LITERATURE

FIRST FLIGHT:

PROSE:

- Mijbil the Otter
- Madam Rides the Bus
- The Sermon at Benares
- The Proposal (Play)

POEMS:

- Amanda
- The Trees
- Fog
- The Tale of Custard the Dragon
- For Anne Gregory

FOOTPRINTS WITHOUT FEET:

- The Making of a Scientist
- The Necklace
- Bholi
- The Book that Saved the Earth

NOTE: 1.Unseen passages, writing section, Grammar exercises to be taken up from BBC simultaneously.

2. Assessment of Listening and Speaking Skills will be of 05 marks.

ठिन्दी - ब (085)

Term-I

स्नशाबाग -2

***गदमोशबाग -* फडेबाईसाहफ, डामयीकाएकनन्ना, ततोयावाभीयो,**

अफकहोदस येकेदख

ुभेदख

ुहोनेवारे, तीसयीकसभके लशल्लकाय :शैरेन्द्र

ਕਾਵਮੋਸ਼ਬਾਗ:- ਸਾਖੀ,ਨਦ, ਭਨਝੁਮਤਾ

ਸੋਚਮਨਬਾਗ -2

ਹਰਯਹਯਕਾਕਾ

ਕਮਾਕਯਯਯਬਾਗ:- ਭਹਾਵਯੇ, ਨਦਫੋਧ, ਸਭਾਸ

ਅਨਠਠਤਫੋਧ:- ਅਨਠਠਤਗਦਮੋਸ਼

ਯਚਨਾਠਭਕਰੇਖਨ :- ਅਨਚ

ਊਢੇਦ, ਐਨਚਾਰਯਕਨਤਰ, ਵਕਜਾਨਨਏਭੇਰੇਰੇਖਨ

Term-II

ਗਦਮੋਸ਼ਬਾਗ :- ਨਤਝਡਭੇਟ ਟੀਨਤਤਮਾਓ(i- ਚਗਨਨੀਕਾਸੋਨਾ, ii- ਝੇਨਕੀਢੇਨ),

ਕਾਯਤ ਸ *ਕਾਵਮੋਸ਼ਬਾਗ* :- ਨਵਤਾ ਪਰਦੇਸਭੇਨਾਵਸ, ਤੋਨ, ਕਯਚਰੇਹਭਫਪਦਾ,
ਆਠਭਤਰਾਯ

ਸੋਚਮਨਬਾਗ :- ਸਨਨੋਕੇ ਸੇਠਦਨ, ਟੋਨੀਸਕ੍
ਰਾ

ਕਮਾਕਯਯਯਬਾਗ :- ਵਾਕਮਰੂਨੋਤਯਯ

ਅਨਠਠਤਫੋਧ :- ਅਨਠਠਤਗਦਮੋਸ਼

ਯਚਨਾਠਭਕਰੇਖਨ:- ਰਥਕ

ਊਥਾ

PUNJABI (004)

TERM I

ਸਾਹਿਤ ਮਾਲਾ

ਕਾਹਿ ਰਚਨਿਯ-ਸਵਕਉ ਮਿੰ ਦਾ ਆਖੀਐ, ਵਕਰਾ ਕਰਕਬਖਵਸ ਲਾਓ, ਤੂੰ ਮਰਾ ਵਤਾ ਤੂੰ

ਿੰਮਰਾ ਮਾਤਾ ਿਰਤਕ- ਰਾਰਥਨਾ, ਮਰਾਓ ਡਾਡਾਰਾ, ਘਰ ਦਾ ਵਆਰ, ਬਲੀ

ਿੰ ਨਗੀ -ਕਿਾਈ - ਕੁਲਫੀ, ਅੰ ਗ-ਸਿੰ ਗ, ਧਰਤੀ ਿਠਲਾ ਬਲਦ

ਇਕਾਂਗੀ - ਜਫਰਨਾਮਾ

ਹਿਆਕਰਨ - ਸਮਾਸੀ ਸਬਦ, ਬਿਅਰਥਕ ਸਬਦ, ਵਕਵਰਆ ਵਿਸ਼ਸ਼ਣ, ਅਗਤਰ-ਵਛਤਰ, ਲਖ
ਰਚਨਾ,ਵਧੁੱ ਤਰ ਿਰਨਣ,ਧੁੱ ਤਰ(ਵਨਿੱਜੀ ਤਵਬਨੈ), ਅਣਵਡੁੱ ਠਾ ਰਾ, ਅਣਵਡੁੱ ਠੀ ਕਾਵਿ-ਟੁਕੜੀ,
ਮਿਾਰ(ਕ ਤਚ) ਤੁੱ ਕ **TERM II**

ਸਾਹਿਤ ਮਾਲਾ

ਕਾਹਿ- ਰਚਨਿਯ -ਜਿੰ ਗ ਦਾ ਿਲ, ਸਵਤਗੁਰ ਨਾਨਕ ਰਗਵਟਆ

ਇਕਾਂਗੀ - ਦੂਜਾ ਵਿਆ

ਿਰਤਕ- ਤੁਰਨ ਦਾ ਿਨਰ

ਹਿਆਕਰਨ - ਸਮਾਸੀ ਸ਼ਬਦ, ਬਿਅਰਥਕ ਸ਼ਬਦ, ਵਕਵਰਆ ਵਿਸ਼ਸ਼ਣ, ਅਗਤਰ, ਵਛਤਰ, ਲਖ
ਰਚਨਾ,ਵਚੁੱ ਤਰ ਿਰਨਣ, ਼ੁੱਤਰ (ਵਨਿੱਜੀ ਤਵਬਨੈ), ਅਣਵਡੁੱ ਠਾ ਼ਰਾ, ਅਣਵਡੁੱ ਠੀ ਕਾਵਿ-ਟੁਕੜੀ,
ਮਿਾਰ(ਚ ਤ ਝ) ਤੁੱ ਕ।

ਸਾਰੇਹਸਲੇਬਸ ਦੀ ਦਿਰਾਈ

MATHEMATICS (041)

TERM I

Chapter 1 Real Numbers

Chapter 2 Polynomials

Chapter 3 Pair of Linear Equations in Two

Variables Chapter 6 - Triangles

Chapter 7 -Coordinate Geometry

Chapter 8 - Introduction to Trigonometry

Chapter 11 -Areas Related to Circles

Chapter 14 -Probability

TERM II

Chapter -4- Quadratic Equations

Chapter -5 -Arithmetic Progressions

Chapter -9 - Some Applications of Trigonometry

Chapter 10 -Circles

Chapter 12- Surface Areas and Volumes

Chapter 13 -Statistics

SCIENCE (086)

TERM I

Chapter- 1 Chemical Reactions and Equations

Chapter- 2 Acids, Bases and Salts

Chapter- 3 Metals and Non- metals

Chapter- 5 Life Processes

Chapter- 6 Control and Coordination

Chapter-9 Light – Reflection and Refraction

Chapter- 10 The Human Eye and the Colourful World

TERM II

Chapter- 4 Carbon and Its Compounds
Chapter- 7 How Do Organisms Reproduce? Chapter- 8 Heredity
Chapter- 11 Electricity
Chapter- 12 Magnetic Effects of Electric Current
Chapter- 13 Our Environment

SOCIAL SCIENCE(087)

TERM I

History:

Chapter- 1 The Rise of Nationalism in Europe
Chapter- 2 Nationalism in India

Geography:

Chapter - 1 Resources and Development
Chapter - 2 Forest and Wildlife Resources
Chapter – 3 Water Resources
Chapter – 4 Agriculture

Political Science:

Chapter- 1 Power Sharing
Chapter- 2 Federalism
Chapter- 3 Gender, Religion and Caste

Economics:

Chapter- 1 Development
Chapter- 2 Sectors of the Indian Economy

TERM II

History:

Chapter- 3 The Making of a Global World (Subtopics 1 to 1.3)
Chapter- 4 The Age of Industrialization (To be assessed as part of Periodic Assessment only) Chapter- 5 Print Culture and the Modern World

Geography:

Chapter- 5 Minerals and Energy Resources
Chapter- 6 Manufacturing Industries
Chapter- 7 Life Lines of National Economy (Only map pointing to be evaluated in the Board Examination)

Political Science:

Chapter- 4 Political Parties
Chapter- 5 Outcomes of Democracy

Economics:

Chapter- 3 Money and Credit
Chapter- 4 Globalization and the Indian Economy

What is Globalisation?

Factors that have enabled Globalisation

Note: - Project on Disaster Management and Consumer Rights will be given during summer vacation.

Interdisciplinary project as part of multiple assessment

- The Making of a Global World
- Lifelines of National Economy
- Globalisation and the Indian Economy

INFORMATION TECHNOLOGY (402)

TERM I

PART-A Employability Skills

Unit-1 Communication Skills-II

Unit-2 Self-Management-II

Unit-3 Information and Communication Skills-II

PART-B Subject Specific Skills

Unit-1 Digital Documentation (Advanced) using Libre Office writer

Unit-2 Electronic Spreadsheet (Advanced) using Libre Office Calc

Unit-3 Database Management System using Libre Office Base

TERM II

PART-A Employability Skills

Unit-4 Entrepreneurial Skills-II

Unit-5 Green Skills-II

PART-B Subject Specific Skills

Unit-3 Database Management System. using Libre Office Base

Unit-4 Maintain Healthy, Safe and Secure Working Environment.

PART-C Practical Work.

PART-D Project Work

ART & CRAFT

TERM I

1. Abstract Art
2. Salt Art
3. Warli Art
4. Madhubani Art

TERM II

1. Positive & Negative Art
2. Halloween Art
3. Coffee Painting
4. Micrography Portraits

TERM WISE SYLLABUS
CLASS-XI
SESSION 2026-2027

ENGLISH CORE (301)

TERM I & II

READING SKILLS:

Reading Comprehension through Unseen Passages.

1. One unseen passage to assess comprehension, interpretation, analysis, inference and vocabulary. The passage may be factual, descriptive or literary.
2. One unseen case-based factual passage with verbal/visual inputs like statistical data, charts etc.to assess comprehension, interpretation, analysis, inference and evaluation.

Note: The combined word limit for both the passages will be 600-750. Multiple Choice Questions / Objective Type Questions will be asked. 3. Note Making and Summarization based on a passage of approximately 200-250 words. **GRAMMAR:**

- Questions on Gap filling (Tenses, Clauses)
- Questions on reordering/transformation of sentences.

TERM I

CREATIVE WRITING SKILLS:

- Short writing task – Classified Advertisements, up to 50 words.
- Long writing task: Speech in 120-150 words based on verbal / visual cues related to contemporary / age-appropriate topic.

LITERATURE:

HORNBILL:

PROSE:

1. The Portrait of a Lady
2. “We’re Not Afraid to Die... If We Can All Be Together
3. Discovering Tut: The Saga Continues

POEMS:

- A Photograph
- The Laburnum Top
- The Voice of the Rain

SNAPSHOTS:

1. The Summer of the Beautiful White Horse
2. The Address
3. Mother's Day (Play)

TERM II**CREATIVE WRITING SKILLS:**

- Short writing task – Poster making, up to 50 words.
- Long Writing task: Debate based on visual/verbal inputs in 120-150 words, thematically related to contemporary, topical issues.

LITERATURE:**HORNBILL:****PROSE:**

5. The Adventure
6. Silk Road

POEMS:

- Childhood
- Father to Son

SNAPSHOTS:

4. Birth
5. The Tale of Melon City

NOTE: Assessment of Listening and Speaking Skills.

PHYSICAL EDUCATION (048)**TERM I**

Unit1: Changing Trends and Career in Physical Education

Unit2 :Olympism Value Education

Unit3 :Yoga

Unit7 : Fundamentals of Anatomy and Physiology in Sports

Unit8 :Fundamentals of Kinesiology and Biomechanics in

Sports **TERM II**

Unit4 : Physical Education and Sports for CWSN

Unit5 :Physical Fitness, Health and Wellness

Unit6 :Test, Measurements and Evaluation

Unit9 : Psychology and Sports

Unit10 :Training and Doping in Sports

PHYSICS (042)

TERM I

Chapter 1: Physical World and Measurement

Chapter 2: Units and Measurements

Chapter 3: Motion in a Straight Line

Chapter 4: Motion in a Plane

Chapter 5: Laws of Motion

Chapter 6: Work, Energy and Power

Chapter 7: System of Particles and Rotational Motion

Chapter 8: Gravitation

TERM II

Chapter 9: Mechanical Properties of Solids

Chapter 10: Mechanical Properties of Fluids

Chapter 11: Thermal Properties of Matter

Chapter 12: Thermodynamics

Chapter 13: Kinetic Theory of Gases

Chapter 14: Oscillations

Chapter 15: Waves

CHEMISTRY (043)

TERM I

Unit 1 - Some Basic Concepts of Chemistry

Unit 2 - Structure of Atom

Unit 3 - Classification of Elements and Periodicity in Properties
Unit 4 – Chemical Bonding and Molecular Structure

Unit 5 - Chemical Thermodynamics

TERM II

Unit 6- Equilibrium

Unit 7 - Redox Reactions

Unit 8 -Organic Chemistry: Some Basic Principles and Techniques
Unit 9 – Hydrocarbons

BIOLOGY (044)

TERM I

Chapter 1 The Living World

Chapter 2 Biological Classification

Chapter 3 Plant Kingdom

Chapter 4 Animal Kingdom

Chapter 5 Morphology of Flowering Plants
Chapter 6 Anatomy of Flowering Plants
Chapter 7 Structural Organization in Animals
Chapter 8 Cell: The Unit of Life
Chapter 9 Biomolecules
Chapter 10 Cell Cycle and Cell Division

TERM II

Chapter 11 Photosynthesis in Higher Plants
Chapter 12 Respiration in Plants
Chapter 13 Plant -Growth and Development.
Chapter 14 Breathing and Exchange of Gases
Chapter 15 Body Fluids and Circulation
Chapter 16 Excretory Products and their Elimination
Chapter 17 Locomotion and Movement.
Chapter 18 Neural Control and Coordination
Chapter 19 Chemical Coordination and Integration

ACCOUNTANCY (055)

TERM I

Unit I: Introduction to Accounting
Unit II: Theory Base Accounting
Unit III: Recording of Business Transactions
Unit IV: Trial Balance, Rectification of Errors, Preparation of Bank Reconciliation Statement

TERM II

Unit V: Depreciation, Provisions and Reserves
Unit VI: Financial Statements of Sole Proprietorship, Incomplete

Records **Project Work (20 marks)**

ECONOMICS (030)

TERM I

PART A : Statistics for Economics

Unit 1- Introduction
Unit 2- Collection, Organisation and Presentation of Data
Unit 3- Statistical Tools and Interpretation
Measures of Central Tendency Mean, Median and Mode

PART B: Introductory Microeconomics

Unit 4– Introduction

Unit 5 – Consumer’s Equilibrium and Demand

TERM II

PART A : Statistics For Economics

Unit 3- Statistical Tools and Interpretation

Correlation and Index Numbers

PART B: Introductory Microeconomics

Unit 6 – Producer Behaviour and Supply

Unit 7 – Forms of Market and Price Determination under Perfect Competition and Simple Application tools

PART C : Project Work – 20 Marks

BUSINESS STUDIES (054)

TERM I

Chapter- 1 Nature and Purpose of Business

Chapter - 2 Forms of Business Organisations

Chapter -3 Public, Private and Global

Enterprises Chapter - 4 Business Services

Chapter - 5 Emerging Modes of a Business

Chapter - 6 Social Responsibilities of a Business and Business

Ethics **TERM II**

Chapter -7 Sources of Business Finance

Chapter -8 Small Business

Chapter - 9 Internal Trade

Chapter -10 International Business

Project Work (20 marks)

PSYCHOLOGY (037)

TERM I

Unit 1- What is Psychology?

Unit 2- Methods of Enquiry in Psychology

Unit 3- Human Development

Unit 4- Sensory, Attentional and Perceptual processes

• PROJECT WORK

TERM II

Unit 5- Learning
Unit 6- Human Memory
Unit 7- Thinking
Unit 8- Motivation and Emotion
• **TWO PRACTICALS**

MATHEMATICS (041) TERM I

Chapter 1 Sets
Chapter 2 Relations and Functions
Chapter 4 Complex Numbers and Quadratic Equations
Chapter 8 Sequence and Series
Chapter 9 Straight Lines
Chapter 12 Limits and Derivatives
Chapter 13 Statistics

TERM II

Chapter 3 Trigonometric Functions
Chapter 5 Linear Inequalities
Chapter 6 Permutations and Combinations
Chapter 7 Binomial Theorem
Chapter 10 Conic Sections
Chapter 11 Introduction to Three -Dimensional Geometry
Chapter 14 Probability

POLITICAL SCIENCE (028)

TERM I

PART-A : Indian Constitution at Work

Chapter- 1 Constitution: Why and How?
Chapter- 2 Rights in the Indian Constitution
Chapter- 3 Election and Representation
Chapter - 4 Executive
Chapter -5 Legislature

PART-B : Political Theory

Chapter- 1 Political Theory: An Introduction
Chapter- 2 Freedom
Chapter- 3 Equality
Chapter- 4 Social Justice

TERM II

PART-A : Indian Constitution at Work

Chapter- 6 Judiciary

Chapter- 7 Federalism

Chapter- 8 Local Governments

Chapter- 9 Constitution as a Living Document

Chapter-10 The Philosophy of the
Constitution

PART-B : Political Theory

Chapter- 5 Rights

Chapter-6 Citizenship

Chapter- 7 Nationalism

Chapter-8 Secularism

PROJECT WORK

HISTORY (027)

TERM I

Introduction of World History

Section A: Early Societies

Introduction Timeline I

1. Writing and City Life

Section B: Empires

2. An Empire Across Three Continents

3. Nomadic Empires

Introduction Timeline II

TERM II

Section C: Changing Traditions

4. The Three Orders

5. Changing Cultural Traditions

Introduction Timeline III

Section D: Towards Modernization

Introduction Timeline IV

6. Displacing Indigenous People

7. Paths to Modernization

• **Map Work(Units I and II)**

• **Project Work**

COMPUTER SCIENCE (CODE 083)

TERM – I

UNIT – I

- Ch– Basic Computer Organization
- Ch– Types of Software
- Ch– Operating system
- Ch– Boolean Logic
- Ch– Number System & Encoding Schemes

UNIT – II

- Ch– Introduction to problem solving
- Ch– Basics of Python programming
- Ch– Knowledge of Data types
- Ch– Operators
- Ch– Expression & Type conversion

TERM – II

- Ch– Errors
- Ch– Control Statements
- Ch– Strings
- Ch– Lists
- Ch– Tuples & Dictionary
- Ch– Python Modules

UNIT – III

- Ch– Society, Laws and Ethics

INFORMATION TECHNOLOGY (802)

TERM I

Employability Skills (PART –A)

UNIT -1 Communication Skills - III

UNIT -2 Self-management Skills – III

UNIT-3 Information and Communication Technology Skills - III

Subject Specific Skills (PART –B)

UNIT-1 Computer Organization

UNIT-2 Network and Internet

UNIT-3 Office Automation Tools

TERM II

Employability Skills (PART-A)

UNIT -4 Entrepreneurial Skills – III

UNIT -5 Green Skills - III

Subject Specific Skills (PART-B)

UNIT- 4 RDBMS

UNIT-5 Fundamentals of Java

Practical Work (PART- C)

Office Automation Tools

Java Program

MySQL Commands

Project Work (PART – D)

TERM WISE SYLLABUS

Class XII

SESSION: 2026-27

ENGLISH CORE (301)

TERM I & II

READING SKILLS:

Reading Comprehension through Unseen Passages.

1. One unseen passage to assess comprehension, interpretation, analysis, inference and vocabulary. The passage may be factual, descriptive or literary.
2. One unseen case-based factual passage with verbal/visual inputs like statistical data, charts etc.to assess comprehension, interpretation, analysis, inference and evaluation. **Note: The combined word limit for both the passages will be 600-750.**

Multiple Choice Questions / Objective Type Questions will be asked.

TERM I

FLAMINGO:

- The Last Lesson
- Lost Spring
- Indigo
- The Interview

POEM:

- Aunt Jennifer's Tigers
- My Mother at Sixty Six
- Keeping Quiet

VISTAS:

- The Third Level
- The Tiger King
- The Enemy

CREATIVE WRITING SKILLS: Notice Writing, Report Writing (descriptive and analytical in nature, based on verbal inputs), Job Application with resume/ Letter to the Editor.

TERM II

FLAMINGO:

- Deep Water
- The Rattrap
- Poets and Pancakes

- Going places

POEM:

- A Thing of Beauty
- A Roadside Stand

VISTAS:

- Journey To The End Of The Earth
- On The Face Of It
- Memories Of Childhood

CREATIVE WRITING SKILLS: Invitations (formal and informal & reply), Article Writing (descriptive and analytical in nature, based on verbal inputs). **Assessment of Listening and Speaking Skills.**

MATHEMATICS (041)

TERM I

Chapter 1 Relations and Functions
Chapter 2 Inverse Trigonometric Functions
Chapter 3 Matrices
Chapter 4 Determinants
Chapter 5 Continuity and Differentiability
Chapter 6 Applications of Derivatives
Chapter 12 Linear Programming

TERM II

Chapter 7 Integrals
Chapter 8 Applications of Integrals
Chapter 9 Differential Equations
Chapter 10 Vectors
Chapter 11 Three Dimensional Geometry
Chapter 13 Probability

BIOLOGY (044)

TERM I

Reproduction

Chapter 1 Sexual Reproduction in Flowering Plants
Chapter 2 Human Reproduction
Chapter 3 Reproductive Health

Genetics and Evolution

Chapter 4 Principles of Inheritance and Variation
Chapter 5 Molecular Basis of Inheritance
Chapter 6 Evolution

TERM II

Biology and Human Welfare

Chapter 7 Human Health and Disease

Chapter 8 Microbes in Human Welfare

Biotechnology & its Application

Chapter 9 Biotechnology: Principles and Processes

Chapter 10 Biotechnology and its applications

Ecology & Environment

Chapter 11 Organisms and Population

Chapter 12 Ecosystem

Chapter 13 Biodiversity and Conservation

CHEMISTRY (043)

TERM I

Unit 1- Solutions

Unit 2 - Electrochemistry

Unit 3- Chemical Kinetics

Unit 4- d - & f- block Elements

Unit 5 - Coordination Compounds

TERM II

Unit 6 - Haloalkanes and Haloarenes

Unit 7 - Alcohols, Phenols and Ethers

Unit 8 - Aldehydes, Ketones and Carboxylic Acids

Unit 9 - Amines

Unit 10 – Biomolecules

PHYSICS (042)

TERM I

Chapter 1: Electric Charges and Fields

Chapter 2: Electrostatic Potential and Capacitance

Chapter 3: Current Electricity

Chapter 4: Moving Charges and Magnetism

Chapter 5: Magnetism and Matter

Chapter 6: Electromagnetic Induction

Chapter 7: Alternating Current

TERM II

Chapter 8: Electromagnetic Waves

Chapter 9: Ray Optics and Optical Instruments

Chapter 10: Wave Optics

Chapter 11: Dual Nature of Matter and Radiation

Chapter 12: Atom

Chapter 13: Nuclei

Chapter 14: Semi-Conductor Electronics: Materials, Devices and Simple Circuits.

PHYSICAL EDUCATION (048)

TERM I

Unit 1: Management of Sporting Events

Unit 2: Children and Women in Sports

Unit 3: Yoga as Preventive Measures for Lifestyle Disease.

Unit 4: Physical Education and Sports for Children with Special Needs.

Unit 5: Sports & Nutrition.

TERM II

Unit 6: Test and Measurement in Sports.

Unit 7: Physiology and Injury in Sports.

Unit 8: Biomechanics and Sports.

Unit 9: Psychology and Sports

Unit 10: Training in Sports

BUSINESS STUDIES (054)

TERM I

PART A: Principles and Functions of Management

Chapter 1: Nature and Significance of Management

Chapter 2: Principles of Management

Chapter 3: Business Environment

Chapter 4: Planning

PART B: Business Finance and Marketing

Chapter 11: Marketing Management

Chapter 12: Consumer Protection

TERM II

PART A: Principles and Functions of Management

Chapter 5: Organising

Chapter 6: Staffing

Chapter 7: Directing

Chapter 8: Controlling

PART B: Business Finance and Marketing

Chapter 9: Financial Management

Chapter 10: Financial Markets

Part C :Project Work – 20 Marks

ECONOMICS (030)

TERM I

Part A: Introductory Macro Economics:

Unit 1: National Income and Related Aggregates

Unit 2: Money and Banking

Unit 3: Determination of Income and Employment

Unit 4: Government Budget and Economy

Part B : Indian Economic Development:

Unit 6: Development Experience (1947 – 1990) and Economic Reforms since 1991

TERM II

Macro Economics:

Unit 5: Balance of Payments

Indian Economy

Unit 7: Current challenges facing Indian Economy:

- Human Capital Formation
- Rural Development
- Employment
- Sustainable Development

Unit 8: Development Experience of India (A Comparison with Neighbours) **Part C : Project Work - 20 Marks**

ACCOUNTANCY (055)

TERM I

Volume -1 Accounting for Partnership Firms

Chapter - 1 Accounting for Partnership Firms – Fundamentals

Chapter - 2 Goodwill: Nature and Valuation

Chapter -3 Change in Profit Sharing Ratio among the Existing Partners

Chapter -4 Admission of a Partner

Chapter - 5 Retirement of a Partner

Chapter - 6 Death of a Partner

Chapter - 7 Dissolution of Partnership Firm

Volume –2 Accounting for Companies

Chapter - 8 Accounting for Share Capital

TERM II

Chapter - 9 Issue of Debentures

Volume -3 Analysis of Financial Statements

Chapter -1 Financial Statements of a Company
Chapter -2 Financial Statement Analysis
Chapter - 3 Accounting Ratios
Chapter -4 Cash Flow Statement
Chapter -5 Tools for Financial Statement Analysis - Comparative Statements and Common-size Statements
Project Work – 20 Marks

COMPUTER SCIENCE (CODE 083)

TERM – I

Ch – 1 Review of Python Basics
Ch – 2 Functions
Ch – 3 Exception Handling
Ch – 4 Data File Handling

TERM – II

Ch – 5 Data Structure in Python
Ch – 6 Computer Networks
Ch – 7 Relational Databases and SQL
Ch – 8 Interface Python with SQL

INFORMATION TECHNOLOGY (802)

TERM I

Employability Skills (PART-A)

UNIT-1 Communication Skills - IV
UNIT- 2 Self-management Skills – IV
UNIT- 3 Information and Communication Technology Skills - IV

Subject Specific Skills (PART-B)

UNIT-1 Database Concepts – RDMS Tool
UNIT- 2 Operating Web Based Applications

TERM II

Employability Skills (PART-A)

UNIT-4 Entrepreneurial Skills - IV
UNIT-5 Green Skills - IV

Subject Specific Skills (PART-B)

UNIT-3 Java

UNIT-4 Work Integrated Learning IT –DMA

PRACTICAL WORK (PART C)

Java Program

SQL Queries

PROJECT WORK (PART D)

PSYCHOLOGY (037)

TERM I

Unit 1 Variations in Psychological Attributes

Unit 2 Self and Personality

Unit 3 Meeting Life Challenges

TERM II

Unit 4 Psychological Disorders

Unit 5 Therapeutic Approaches

Unit 6 Attitude and Social Cognition

Unit 7 Social Influence and Group Processes

PRACTICALS AND CASE

PROFILE

POLITICAL SCIENCE (028)

TERM I

Part A: Contemporary World Politics

Lesson-1 The End of Bipolarity

Lesson-2 Contemporary Centers of Power

Lesson-3 Contemporary South Asia

Lesson-4 International Organizations

Part B: Politics in India Since Independence

Lesson-1 Challenges of Nation-Building

Lesson-2 Era of One- Part Dominance

Lesson-3 Politics of Planned Development

Lesson-4 India's External Relations

Lesson-5 Challenges to and Restoration of the Congress System

TERM II

Part A: Contemporary World Politics

Lesson-5 Security in Contemporary World

Lesson-6 Environment and Natural Resources

Lesson-7 Globalization

Part B: Politics in India since Independence

Lesson- 6 The Crisis of Democratic Order

Lesson-7 Regional Aspirations

Lesson-8 Recent Development in Indian Politics

Project Work

HISTORY (027)

TERM I

Themes in Indian History Part-I

Theme 1 Bricks, Beads and Bones

Theme 2 Kings, Farmers and Towns

Theme 3 Kinship, Caste and Class

Theme 4 Thinkers, Beliefs and Buildings

Themes in Indian History Part-II

Theme 5 Through the Eyes of Travellers

Theme 6 Bhakti – Sufi Traditions

TERM II

Themes In Indian History Part-II

Theme 7 An Imperial Capital : Vijayanagar

Theme 8 Peasants, Zamindars and the State

Themes In Indian History Part-III

Theme 9 Colonialism and the Countryside

Theme 10 Rebels and the Raj

Theme 11 Mahatma Gandhi and the Nationalist Movement Theme

12 Framing the Constitution

Map Work

Project work