

**Term Syllabus**  
**Session – 2023-24**  
**Class IX**

**English Language and Literature (184)**

**Term I**

**Literature Reader (Beehive)**

Lesson 1	The Fun They Had
Lesson 2	The Sound of Music
Lesson 3	The Little Girl
Lesson 4	A Truly Beautiful Mind
Lesson 5	The Snake and the Mirror
Lesson 6	My Childhood

**Poetry**

Poem 1	The Road Not Taken
Poem 2	The Wind
Poem 3	Rain on the Roof
Poem 4	The Lake Isle of Innisfree
Poem 5	A Legend of the Northland

**Supplementary Reader (Moments)**

Lesson 1	The Lost Child
Lesson 2	The Adventure of Toto
Lesson 3	Iswaran the Storyteller
Lesson 4	In The Kingdom of Fools
Lesson 5	The Happy Prince

**Grammar:** Subject- Verb Concord, Integrated Grammar (Sentence Reordering & Sentence Transformation in Context) Tenses, Modals, Determiners, Integrated Grammar (Gap Filling, Editing/Omission)

**Writing:** Diary Entry, Story Writing, Descriptive Paragraph (Person/Place)

**Words & Expressions 1:** Unit I, II, III , IV, V & VI.

**Term II**

**Literature Reader (Beehive)**

Lesson 8	Reach for the Top
Lesson 10	Kathmandu
Lesson 11	If I Were You

**Poetry.**

Poem 6.	No Men Are Foreign
Poem 8.	On Killing a Tree
Poem 10.	A Slumber Did My Spirit Seal

**Supplementary Reader (Moments)**

Lesson 7.	The Last Leaf
Lesson 8.	A House is Not a Home
Lesson 10	The Beggar

**Grammar :** Reported Speech (Commands, Statements, Questions), Integrated Grammar (Gap filling, Editing/Omission)

(Revision of all the topics done in PTI & PT2 )

**Writing :** Descriptive Paragraph (Event /Situation based), Short story writing & Diary Entry.

## **Words & Expressions 1: Unit :VIII, X & XI**

Revision

### **Mathematics(041)**

#### **Term I**

Lesson 1- Number Systems

Lesson 3- Coordinate Geometry

Lesson 4- Linear Equations in two Variables

Lesson 5- Introduction to Euclid's Geometry

Lesson 6- Lines and Angles

Lesson 7- Triangles

Lesson 12- Heron's formula

Lesson 14- Statistics

#### **Term II**

Lesson 2- Polynomials

Lesson 8- Quadrilaterals

Lesson 10- Circles

Lesson 13- Surface areas and Volume

### **Science (086)**

#### **Term I**

Lesson1 – Matter in Our Surroundings

Lesson2 – Is matter around us Pure?

Lesson5 – The fundamental Unit of Life

Lesson6 – Tissues

Lesson8- Motion

Lesson9 – Force and Laws of Motion

#### **Term II**

Lesson 3– Atoms and Molecules

Lesson4 – Structure of the Atom

Lesson10 – Gravitation

Lesson11 – Work and Energy

Lesson12– Sound

Lesson15– Improvement in Food Resources

### **Social Science(087)**

#### **Term I**

##### **History**

L-1 The French Revolution

L-2 Socialism in Europe and the Russian Revolution

##### **Geography**

L-1 India-Size and Location

L-2 Physical Features of India

L-3 Drainage

##### **Political Science**

L-1 What is Democracy? Why Democracy?

L-2 Constitutional Design

L-3 Electoral Politics

### **Economics**

L-1 The Story of Village Palampur

L-2 People as Resource

### **Term II**

#### **History**

L-3 Nazism and the Rise of Hitler

Section-2 Livelihoods, Economics and Societies:

L-4 Forest Society and Colonialism

L-5 Pastoralists in the Modern World

#### **Geography**

L-4 Climate

L-5 Natural Vegetation and Wild Life

L-6 Population

#### **Political Science**

L-5 Working of Institutions

L-6 Democratic Rights

#### **Economics**

L-3 Poverty as a Challenge

L-4 Food Security in India

**Disaster Management:** - Project and Assignment

## **Hindi B (085)**

### **Term I**

स्पर्श भाग-1 :

गद्य भाग - दुःख का अधिकार, एवरेस्ट मेरी शिखर यात्रा, तुम कब जाओगे अतिथि

पद्य भाग - रैदास के पद, रहीम के दोहे, गीत-अगीत

व्याकरण : शब्द और पद, अनुस्वार और अनुनासिक, उपसर्ग और प्रत्यय

रचनात्मक लेखन: अनुच्छेद, अनौपचारिक पत्र

संचयन(भाग -1) : गिल्लू, स्मृति

अपठित बोध – अपठित गद्यांश

### **Term II**

स्पर्श भाग - 1 :

गद्य भाग - वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकट रामन्, शुक्र तारे के समान

पद्य भाग - अग्निपथ, नए इलाके में, खुशबू रचते हैं हाथ

व्याकरण: अर्थ की दृष्टि से वाक्य भेद, स्वर संधि, विराम चिह्न

रचनात्मक लेखन : संवाद लेखन, चित्र वर्णन

संचयन (भाग-1) - कल्लू कुम्हार की उनाकोटी, मेरा छोटा-सा निजी पुस्तकालय

अपठित बोध - अपठित गद्यांश

**Term I**

**1: ਸਾਹਿਤ ਮਾਲਾ-**

ਕਾਵਿ ਰਚਨਾਵਾਂ : ਸਮਾਂ, ਵਿਸਾਖੀ ਦਾ ਮੇਲਾ।

ਵਾਰਤਕ : ਵਹਿਮੀ ਤਾਇਆ, ਮੁੜ ਵੇਖਿਆ ਪਿੰਡ।

**2: ਵੰਨਗੀ-**

ਕਹਾਣੀ : ਜਨਮ ਦਿਨ

ਇਕਾਂਗੀ : ਮੈਨਧਾਰੀ

ਵਿਆਕਰਨ - ਵਿਰੇਧੀ ਸ਼ਬਦ, ਲਿੰਗ, ਸ਼ਬਦ ਸ਼ੁੱਧੀ, ਵਿਸਮਿਕ, ਕਿਰਿਆ, ਲੇਖ ਰਚਨਾ, ਪੱਤਰ ਰਚਨਾ (ਨਿੱਜੀ ਤੇ ਦਫ਼ਤਰੀ), ਚਿੱਤਰ ਵਰਨਣ,

ਮੁਹਾਵਰੇ: ਓ।

ਅਣਡਿੱਠਾ ਪੈਰਾ , ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁਕੜੀ

**Term II**

**1: ਸਾਹਿਤ ਮਾਲਾ -**

ਕਾਵਿ ਰਚਨਾਵਾਂ : ਮੈਂ ਪੰਜਾਬੀ, ਨਵੀ ਪੁਰਾਣੀ ਤਹਿਜੀਬ।

ਵਾਰਤਕ : ਖੁਸ਼ੀਆਂ ਆਪੇ ਨਹੀਂ ਆਉਂਦੀਆਂ, ਬੇਬੇ ਜੀ।

**2: ਵੰਨਗੀ-**

ਕਹਾਣੀ : ਸਾਂਝੀ ਕੰਧ, ਬੱਸ-ਕੰਡਕਟਰ

ਇਕਾਂਗੀ : ਸਿਰਜਣਾ

ਵਿਆਕਰਨ- ਵਿਰੇਧੀ ਸ਼ਬਦ, ਲਿੰਗ, ਸ਼ਬਦ ਸ਼ੁੱਧੀ, ਵਿਸਮਿਕ, ਕਿਰਿਆ, ਲੇਖ ਰਚਨਾ, ਪੱਤਰ ਰਚਨਾ (ਨਿੱਜੀ ਤੇ ਦਫ਼ਤਰੀ), ਚਿੱਤਰ ਵਰਨਣ, ਅਣਡਿੱਠਾ ਪੈਰਾ, ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁਕੜੀ

ਮੁਹਾਵਰੇ: ਅ ਤੋਂ ਸ

**1: ਸਾਹਿਤ ਮਾਲਾ -**

ਕਾਵਿ ਰਚਨਾਵਾਂ : ਮਾਤਾ ਗੁਜਰੀ ਜੀ ।

ਵਿਆਕਰਨ-

ਮੁਹਾਵਰੇ: ਹ

**ਸਾਰੇ ਸਿਲੇਬਸ ਦੀ ਦੁਹਰਾਈ, ਮਾਡਲ ਟੈਸਟ ਪੇਪਰ**

**Information Technology (402)**

**Term I**

**Part A**

Lesson 1. Communication skills-1

Lesson 2 Self-Management skills-1

Lesson 3 Basic ICT Skills –I

**Part B**

Lesson 1 Introduction to IT- ITeS Industry

Lesson 2 Data Entry and keyboarding Skills

Lesson 3 Digital Documentation

**Term II**

**Part A**

Lesson 4 Entrepreneurial Skills –I

Lesson 5 Green Skills-I

**Part B**

Lesson 4 Electronic Spreadsheet: Introduction to Calc

Lesson 5 Digital Presentation: Impress

**Art and 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



**Term Syllabus  
Session – 2023-24  
Class X**

**ENGLISH LANGUAGE AND LITERATURE (184)**

**Term I**

**First Flight**

Chapter 1. A Letter to God  
Chapter 2. Nelson Mandela: Long Walk to Freedom  
Chapter 3. Two Stories about Flying  
Chapter 4. From the Diary of Anne Frank  
Chapter 7. 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**

Chapter 1. A Triumph of Surgery  
Chapter 2. The Thief's Story  
Chapter 3. The Midnight Visitor  
Chapter 4. A Question of Trust  
Chapter 5. Footprints without Feet

**Grammar**

Tenses, Subject –Verb Concord, Voice, Modals, Determiners, Reported Speech (Commands and Requests, Statements, Questions), Clauses.

**WRITING**

Formal Letter based on a given situation in 100-120 words.  
Analytical Paragraph (100-120 words) on a given Map / Chart/ Graph/ Cue/s

**WORDS & EXPRESSIONS**

**UNIT 1-4**

**Term II**

**FIRST FLIGHT**

Chapter 8. Mijbil the Otter  
Chapter 9. Madam Rides the Bus  
Chapter 10. The Sermon at Benares  
Chapter 11. The Proposal

**POEMS**

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

**Footprints without Feet**

Chapter 6. The Making of a Scientist  
Chapter 7. The Necklace  
Chapter 9. Bholi  
Chapter 10. The Book that saved the earth

**GRAMMAR**

Integrated grammar exercises

**WRITING**

Formal Letter based on a given situation in 100-120 words.(Revise)  
Analytical Paragraph (100-120 words) on a given Map / Chart/ Graph/ Cue/s(Revise)

**WORDS & EXPRESSIONS: unit 7- 11**

**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 12 Areas Related to Circles

Chapter 15 Probability

**Term II**

Chapter 4 Quadratic Equations

Chapter 5 Arithmetic Progression

Chapter 9 Application of Trigonometry

Chapter 10 Circles

Chapter 13 Surface Areas and Volumes

Chapter 14 Statistics

**SCIENCE (086)****Term I**

Chapter- 1 Chemical Reactions and Equations

Chapter- 2 Acids, Bases and Salts

Chapter- 3 Metals and Non- metals

Chapter- 6 Life Processes

Chapter- 7 Control and coordination

Chapter-10 Light

Chapter- 11 Human Eye and Colourful World

**Term II**

Chapter- 4 Carbon and its Compounds

Chapter- 8 How do organisms Reproduce?

Chapter-9 Heredity and evolution

Chapter- 12 Electricity

Chapter- 13 Magnetic Effects of Electric current

Chapter- 15 Our Environment

**Social Science(087)****Term I****History**

L – 1 The Rise of Nationalism in Europe .

L – 2 Nationalism in India

**Geography**

L – 1 Resources and Development .

L – 2 Forest and Wildlife Resources

L – 3 Water Resources

L – 4 Agriculture

**Political Science**

L -- 1 Power Sharing

L – 2 Federalism

L – 4 Gender, Religion and Caste

**Economics**

L – 1 Development



L – 2 Sectors of the Indian Economy .

## **Term II**

### **History**

L – 3 The Making of a Global World

L – 4 The Age of Industrialization

L -- 5 Print Culture and the Modern World

### **Geography**

L – 5 Minerals and Energy Resources

L – 6 Manufacturing Industries

L – 7 Life Lines of National Economy

### **Political Science**

L – 6 Political Parties

L – 7 Outcomes of Democracy

### **Economics**

L – 3 Money and Credit

L -- 4 Globalization and the Indian Economy

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

## **HINDI-B (085)**

### **Term I**

पुस्तक स्पर्श (भाग 2)

पद्य खंड – साखी, पद, मनुष्यता।

गद्य खंड – बड़े भाई साहब, डायरी का एक पन्ना, ताताँरा- वामीरो कथा, , अब कहाँ दूसरों के दुख में दुखी होने वाले, तीसरी कसम के शिल्पकार शैलेंद्र

संचयन ( भाग 2)- हरिहर काका

व्याकरण – मुहावरे, पदबंध, समास

रचनात्मक लेखन- अनुच्छेद, औपचारिक पत्र, विज्ञापन।

अपठित बोध - अपठित गद्यांश

### **Term II**

पुस्तक स्पर्श (भाग 2)

पद्य खंड - पर्वत प्रदेश में पावस, तोप, कर चले हम फिदा, आत्मत्राण।

गद्य खंड – पतझड़ में टूटी पत्तियाँ, कारतूस

संचयन - सपनों के से दिन, टोपी शुक्ला

व्याकरण- वाक्य रूपांतरण

लेखन- सूचना लेखन, लघु कथा, ईमेल

अपठित बोध - अपठित गद्यांश

## **Punjabi(004)**

### **Term I**

#### **1: ਸਾਹਿਤ ਮਾਲਾ-**

**ਕਾਵਿ ਰਚਨਾਵਾਂ :** ਸੋ ਕਿਉ ਮੰਦਾ ਆਖੀਐ, ਕਿਰਪਾ ਕਰਿ ਕੇ ਬਖਸਿ ਲੈਚੁ ।

**ਕਾਵਿ ਰਚਨਾਵਾਂ :** ਤੂੰ ਮੇਰਾ ਪਿਤਾ ਤੂੰ ਮੇਰਾ ਮਾਤਾ ।

**ਵਾਰਤਕ :** ਪ੍ਰਾਰਥਨਾ ,ਮੇਰੇ ਵੱਡੇ ਵਡੇਰੇ ।

**ਵਾਰਤਕ :** ਘਰ ਦਾ ਪਿਆਰ, ਬੋਲੀ ।

#### **2: ਵੰਨਗੀ-**

**ਕਹਾਣੀ :** ਕੁਲਫੀ,ਅੰਗ-ਸੰਗ, ਧਰਤੀ ਹੇਠਲਾ ਬਲਦ

**ਇਕਾਗੀ :** ਜ਼ਫਰਨਾਮਾ, ਦੂਜਾ ਵਿਆਹ

**ਵਿਆਕਰਨ -** ਸਮਾਸੀ ਸ਼ਬਦ,ਬਹੁ ਅਰਥਕ ਸ਼ਬਦ,ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ, ਅਗੇਤਰ ਪਿਛੇਤਰ,ਲੇਖ ਰਚਨਾ,ਪੱਤਰ ਰਚਨਾ(ਨਿੱਜੀ ਤੇ ਦਫ਼ਤਰੀ),ਚਿੱਤਰ ਵਰਨਣ,ਅਣਡਿੱਠਾ ਪੈਰਾ,ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁਕੜੀ

**ਮੁਹਾਵਰੇ:** ਕ ਤੋਂ ਚ ਤੱਕ

**Term II**

**1: ਸਾਹਿਤ ਮਾਲਾ -**

**ਕਾਵਿ ਰਚਨਾਵਾਂ :**ਜੰਗ ਦਾ ਹਾਲ, ਸਤਿਗੁਰ ਨਾਨਕ ਪ੍ਰਗਟਿਆ

**ਵਾਰਤਕ :** ਤੁਰਨ ਦਾ ਹੁਨਰ

**ਵਿਆਕਰਨ –** ਸਮਾਸੀ ਸ਼ਬਦ,ਬਹੁ ਅਰਥਕ ਸ਼ਬਦ,ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ, ਅਗੇਤਰ ਪਿਛੇਤਰ,ਲੇਖ ਰਚਨਾ,ਪੱਤਰ ਰਚਨਾ(ਨਿੱਜੀ ਤੇ ਦਫ਼ਤਰੀ),ਚਿੱਤਰ ਵਰਨਣ,ਅਣਡਿੱਠਾ ਪੈਰਾ,ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁਕੜੀ

**ਮੁਹਾਵਰੇ:** ਚ ਤੋਂ ਝ ਤੱਕ

**ਸਾਰੇ ਸਿਲੇਬਸ ਦੀ ਦੁਹਰਾਈ,ਮਾਡਲ ਟੈਸਟ ਪੇਪਰ**

**IT(402)**

**Term I**

**Part-A Employability Skills**

Unit-1 Communication Skills-II

Unit-2 Self Management-II

Unit-3 Information and Communication Technology (ICT) Skills-II

**Part-B Subject Specific Skills**

Unit-1 Digital Documentation (Advanced)

Unit-2 Electronic Spreadsheet (Advanced)

Unit-3 Database Management System

**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

Unit-4 Web Applications and Security

**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







**SYLLABUS (2023-24)**  
**Class XI**

**ENGLISH(302)**

**Term I**

HORNBILL: Lesson 1: The Portrait of a Lady

Lesson 2: We're Not  
Afraid to die... If we are  
together.

Lesson-3 Discovering

Tut: The Saga Continues  
POEM : A Photograph

The Laburnum Top

The Voice Of Rain

SNAPSHOTS: Lesson 1: The Summer of Beautiful

White Horse Lesson 2: The Address

Lesson 5: Mother's Day

WRITING SKILLS: Notice Writing, Classified Advertisements,  
Report Writing READING SKILLS: Note Making and  
Comprehension

GRAMMAR: Integrated Grammar

WRITING SKILLS: Poster Making, Letter Writing (Letter to Editor) & Job  
Application. READING SKILLS: Note Making and Comprehension

GRAMMAR: Integrated Grammar

**TERM-II**

HORNBILL:

Lesson 5 The Ailing Planet. The Green Movements Role

Lesson 7 The Adventure

Lesson 8 Silk Road

POEM : Childhood

Father To Son

SNAPSHOTS:

Lesson 7 Birth

Lesson 8 The Tale of Melon City

WRITING SKILLS: Speech Writing, Debate Writing

READING SKILLS: Note Making and  
Comprehension

GRAMMAR: Integrated Grammar

Internal Assessment :

Assessment of Listening Skills

Assessment of Speaking Skills

Project Work

REVISION

## **MATHEMATICS (041)**

### **Term I**

Chapter 1 Sets  
Chapter 2 Relations & Functions  
Chapter 5 Complex Numbers and Quadratic Equations  
Chapter 9 Sequence and Series  
Chapter 10 Straight Lines  
Chapter 13 Limits  
Chapter 15 Statistics

### **Term II**

Chapter 3 Trigonometric Functions  
Chapter 6 Linear Inequalities  
Chapter 7 Permutations & Combinations  
Chapter 8 Binomial Theorem  
Chapter 11 Conic Sections  
Chapter 12 Introduction to Three dimensional Geometry  
Chapter 13 Derivatives  
Chapter 16 Probability

## **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

## **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  
Chapter 14: Oscillations  
Chapter 15: Waves

## **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 13 Photosynthesis in Higher Plants
- Chapter 14 Respiration in Plants
- Chapter 15 Plant Growth and Development.
- Chapter 17 Breathing and Exchange of Gases
- Chapter 18 Body Fluids and Circulation
- Chapter 19 Excretory Products and their Elimination
- Chapter 20 Locomotion and Movement.
- Chapter 21 Neural Control and Coordination
- Chapter 22 Chemical Coordination and Integration

## **PHYSICAL EDUCATION (048)**

### **Term I**

- Unit: 1 Changing Trends and Career in physical education
- Unit: 2 Olympism
- Unit: 3 YOGA
- Unit: 4 Physical education and sports for CWSN
- Unit: 5 Physical fitness health and Wellness

### **Term II**

- Unit: 6 Test, Measurement and Evaluation
- Unit: 7 Fundamentals of Anatomy, Physiology in sports
- Unit: 8 Fundamental s of Kinesiology and Biomechanics in sports
- Unit: 9 Psychology and sports
- Unit: 10 Training and Doping in sports

## **ACCOUNTANCY (055)**

### **Term I**

- UNIT I:** Introduction to Accounting, Role of Accounting in Business
- UNIT II:** Theory Base of Accounting, GST
- UNIT III:** Generation of Vouchers and Recording of business transactions.
- UNIT IV:** Trial Balance and Rectification of errors, Preparation of Bank Reconciliation Statement

### **Term II**

- UNIT V:** Depreciation, Provisions and Reserves
- UNIT VI:** Financial statements of Sole Proprietorship



## **Project Work – 20 Marks**

### **ECONOMICS (030)**

#### **Term I**

##### **STATISTICS FOR ECONOMICS:**

Unit I-Introduction

Unit 2- Collection, Organisation and Presentation of data

##### **MICRO ECONOMICS:**

Unit 4 Introduction

Unit 5 Consumer's Equilibrium and Demand Analysis.

Unit 3 Statistical Tools and Interpretation:

Measures of Central tendency(Mean, Median and Mode)

#### **Term II**

##### **STATISTICS FOR ECONOMICS:**

Unit 3 Correlation and Index Numbers

##### **MICRO ECONOMICS:**

Unit 6 Producer Behaviour and supply

Unit 7 Forms of Market

Price Determination

### **BUSINESS STUDIES (054)**

#### **Term I**

Ch- 1 Nature and Purpose of Business

Ch- 2 Forms of Business Organisations

Ch-3 Public, Private and Global Enterprises

Ch- 4 Business Services

Ch- 5 Emerging modes of a Business

#### **Term II**

Ch- 6 Social Responsibility of a Business and Business Ethics.

Ch-7 Sources of Business Finance

Ch-8 Small Business and Enterprises

Ch- 9 Internal Trade

Ch -10 International Business

## **Project Work: 20 Marks**

## **POLITICAL SCIENCE (028)**

### **TERM I**

#### **PART-A : Indian Constitution at Work**

- L-1 Constitution
- L-2 Election and Representation
- L-3 Legislature
- L-4 Executive

#### **PART-B : Political Theory**

- L-8 Political Theory: An Introduction
- L-9 Liberty/Freedom
- L-10 Equality
- L-11 Justice

### **TERM II**

#### **PART-A : Indian Constitution at Work**

- L-5 Judiciary
- L-6 Federalism
- L-7 Local Governments

#### **PART-B : Political Theory**

- L-12 Rights
- L-13 Citizenship
- L-14 Nationalism
- L-15 Secularism
- L-16 Development

## **HISTORY (027)**

### **Term I**

1. Introduction to World History

#### **Section A: Early Societies**

2. Introduction
3. Writing and City Life

#### **Section B: Empires**

4. Introduction
5. An Empire Across Three Continents
6. Nomadic Empires

### **Term II**

#### **Section C: Changing Traditions**

- Introduction
- 7. The Three Orders
- 8. Changing Cultural Traditions

#### **Section D: Paths of Modernization**

- 9. Introduction
- 10. Displacing Indigenous People
- 11. Paths to Modernization

- **Map Work ( Units I and II)**
- **Project Work**

### **PSYCHOLOGY(037)**

#### **Term I**

CHAPTER 1- What is Psychology?

CHAPTER 2- Methods of Enquiry in Psychology

CHAPTER 4- Human Development

CHAPTER 5- Sensory, Attention and Perceptual Processes

PROJECT WORK

#### **Term II**

CHAPTER 6- Learning

CHAPTER 7- Human Memory

CHAPTER 8- Thinking

CHAPTER 9- Motivation and Emotion

TWO PRACTICALS

### **PAINTING (049)**

#### **Term I**

Introduction: The Elements and Principles of Art.

Unit 1 – Pre historic Rock Paintings and Art of Indus Valley

Pre-historic Rock Painting  
Art of Indus Valley Civilization  
Practical :Nature and Object Study

#### **Term II**

Unit 2- Buddhist, Jain and Hindu Art

General Introduction of Art during Mauryan , Shunga , Kushana, and Gupta period  
Art of Ajanta

Practical : Painting  
Composition

Unit 3-Temple Sculptures, Bronzes and Indo-Islamic architecture

Indian Temple Sculptures  
Indian Bronzes

Indo-Islamic Architecture  
Practical : Portfolio  
Assessment

### **Sociology(039)**

#### **Term I**

Chapter 1:-Sociology and Society

Chapter 2:-Terms, Concepts and Their Use in Sociology  
Chapter 3:-  
Understanding Social Institutions  
Chapter 4:-Culture and Socialisation

## **Term II**

Chapter 5:-Social Change and Social Order in Rural and Urban Society  
Chapter 6:-  
Introducing Western Sociologists  
Chapter 7:-Indian Sociologists  
Practical  
work.

## **INFORMATION TECHNOLOGY ( 802 )**

### **Term I**

#### **SECTION - A**

##### **Employability Skills**

- Unit 1: Communication Skills
- Unit 2: Self management Skills
- Unit 3: Information and Communication Technology Skills

#### **SECTION - B**

##### **Subject Specific Skills**

- Unit 1: Computer Organization
- Unit 2: Network And Internet
- Unit 3: Office Automation Tools

### **Term II**

#### **SECTION - A**

##### **Employability Skills**

- Unit 4: Entrepreneurial Skills
- Unit 5: Green Skills

#### **SECTION - B**

##### **Subject Specific Skills**

- Unit 4: RDBMS
- Unit 5: Fundamentals of Java

## **APPLIED MATHEMATICS (241)**

### **Term I**

- Unit-1 Number, Quantification and Numerical Applications.
- Unit-2 Algebra.
- Unit-3 Mathematical Reasoning.
- Unit-6 Descriptive Statistics.

### **Term II**

- Unit-4 Calculus.
- Unit-5 Probability.
- Unit-7 Financial Mathematics
- Unit-8 Coordinate Geometry

**Syllabus (2023-24)**  
**CLASS XII**  
**English(301)**

**TERM I**

FLAMINGO:

L-1 The Last Lesson

L-2 Lost Spring

L-5 Indigo

L-7 The Interview

POEM : L-6 Aunt Jennifer's Tigers

L-1 My Mother at Sixty Six

L-3 Keeping Quiet

VISTAS : L-1 The Third Level

L-2 The Tiger King

L-4 The Enemy

WRITING SKILLS: Notice Writing, Report Writing, Job Application/ Letters to the Editor, Comprehensions and unseen case based passage with verbal / visual inputs .

**TERM II**

FLAMINGO: L-4 The Rattrap

L-8 Going places

L-3 Deep Water

L-6 Poets and Pancakes

POEM: L-4 A Thing of Beauty

L- 5 A Roadside Stand

VISTAS : L-3 Journey To The End Of The Earth

L-6 On The Face Of It

L-8 Memories Of Childhood

WRITING SKILLS: Invitations (formal and informal& replies), Article Writing , Comprehensions and unseen case based passage with verbal / visual inputs.

Internal Assessment

Assessment of listening skills-5 marks

Assessment of speaking skills-5 marks

Project work-10marks

**MATHEMATICS (041)**

**Term I**

Chapter 1 Relations & Functions

Chapter 2 Inverse Trigonometric Functions

Chapter 3 Matrices

Chapter 4 Determinants

Chapter 5 Continuity & 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

**CHEMISTRY (043)****Term I**

Unit 1 Solutions  
Unit 2 Electrochemistry  
Unit 3 Chemical Kinetics  
Unit 4 d – and f - Block Elements  
Unit 5 Coordination Compounds

**Term II**

Unit 6 Haloalkanes & 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: Semiconductor Electronics: Materials, Devices and Simple Circuits

## **BIOLOGY (044)**

### **Term- I**

#### A.Reproduction

Chapter 2 Sexual Reproduction in Flowering Plants

Chapter 3 Human Reproduction

Chapter 4 Reproductive Health

#### B.Genetics and Evolution

Chapter 5 Principles of Inheritance and Variation

Chapter 6 Molecular Basis of Inheritance

Chapter 7 Evolution

### **Term- II**

#### C.Biology and Human Welfare

Chapter 8 Human health and disease

Chapter 10 Microbes in human welfare

#### D.Biotechnology

Chapter 11 Biotechnology: Principles & Processes

Chapter 12 Biotechnology & its applications

#### E.Ecology

Chapter 13 Organisms and Population

Chapter 14 Ecosystem

Chapter 15 Biodiversity and Conservation

## **PHYSICAL EDUCATION(048)**

### **Term I**

Unit 1 Management of sporting events

Unit 2 Children & women in sports

Unit 3 Yoga as preventive measure for lifestyle disease

Unit 4 Physical education & Sports for CWSN

Unit 5 Sports & Nutrition

### **Term II**

Unit 6 Test & Measurement In Sports

Unit 7 Physiology & Injuries In Sports

Unit 8. Biomechanics & Sports

Unit 9 Psychology & Sports

Unit 10 Training In Sports.

## **BUSINESS STUDIES (054)**

### **Term I**

**Part - A**

Chapter 1: Nature and Significance of Management

Chapter 2: Principles of Management

Chapter 3: Business Environment

Chapter 4: Planning

Chapter 5: Organising

**Part -B**

Chapter 9: Financial Management

Chapter 11: Marketing Management

**Term II****Part - A**

Chapter 6: Staffing

Chapter 7: Directing

Chapter 8: Controlling

**Part - B**

Chapter 12: Consumer Protection

**Project Work – 20 Marks****ECONOMICS (030)****Term I****INDIAN ECONOMIC DEVELOPMENT:**

Unit 6 – Development experience (1947-90)

Introduction

Common goals

Agriculture

Industrial policy 1956

Economic Reforms since 1991

Liberalisation

Globalisation

Privatisation

**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

**Term II****INDIAN ECONOMIC DEVELOPMENT:**

Unit – 7 Current challenges facing India:

Human Capital formation

Rural Development

Employment

Sustainable Development

Unit-8-Development Experience of India:



A comparison with Neighbours

**MACRO ECONOMICS:**

Unit- 5 Balance of payments.

Foreign Exchange rate.

**ACCOUNTANCY (055)**

**Term I**

Volume -1 Accounting for Not For Profit Organisations and Partnership Firms

Ch- 2 Fundamentals of Partnership

Ch-3 Accounting Treatment of Goodwill

Ch -4 Change in Profit Sharing Ratio

Ch -5 Admission of a Partner

Ch-6 Retirement of a Partner

Ch- 7 Death of a Partner

Ch- 8 Dissolution of Partnership Firm

Volume – 2 Accounting for Companies

Ch- 9 Accounting for Share Capital

**Term II**

Ch- 10 Issue of Debentures

Ch- 11 Redemption of Debentures

Volume -3 Analysis of Financial Statements

Ch- 1 Financial Statements of a Company

Ch-2 Financial Statement Analysis

Ch- 3 Comparative and Common Size Statements

Ch- 4 Accounting Ratios

Ch -5 Cash Flow Statement

Project Work: 20 Marks

**POLITICAL SCIENCE (028)**

**Term I**

**Part A: Contemporary World Politics**

Lesson -1 The End of Bipolarity

Lesson-2 New Centers of Power

Lesson-3 Contemporary South Asia

Lesson-4 United Nations and its  
Organizations

**Part B: Politics in India Since Independence**

Lesson-1 Challenges of Nation-Building

Lesson-2 Planned Development

Lesson-3 India's Foreign Policy

Lesson-4 Parties and the Party Systems in  
India

**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-5 Democratic Resurgence

Lesson-6 Regional Aspirations

Lesson-7 Indian Politics: Trends and

Developments

- **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 10 Colonialism and the Countryside

Theme 11 Rebels and the Raj

Theme 13 Mahatma Gandhi and the Nationalist Movement

Theme 15 Framing the Constitution

**Map Work**

**Project work**

## **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

1. PRACTICALS AND CASE STUDY
2. PROJECT WORK

### **Sociology (039)**

#### **Term I**

Chapter 1:- The Demographic Structure of the Indian society

Chapter 2:- Social Institutions: Continuity and Change

Chapter 3:-Patterns of Social Inequality and Exclusion

Chapter 4:-The Challenges of Cultural Diversity

#### **Term II**

Chapter 5:-Structural Change

Chapter 6:-Cultural Change

Chapter 7:-Change and Development in Rural Society

Chapter 8:-Change and Development in Industrial Society

Chapter 9:-Social Movement

Two Practicals

### **PAINTING (049)**

#### **Term I**

1.The Rajasthani and Pahari Schools of Miniature Painting

2. The Mughal and Deccan Schools of Miniature Painting

Practical: Nature, and Object Study

Painting Composition

#### **Term II**

3.The Bengal School of Painting

4. Indian National Flag and the Modern Trends in Indian Art

Practical : Painting Composition

Portfolio Assessment

### **I.T ( INFORMATION TECHNOLOGY ) (802)**

## **Term I**

### **SECTION - A**

#### **Employability Skills**

Unit 1: Communication Skills - IV

Unit 2: Self-management Skills - IV

Unit: 3 Information and Communication Technology Skills - IV

### **SECTION - B**

#### **Subject Specific Skills**

Unit 1: Database Concepts – RDBMS Tool

Unit 2: Operating Web based Applications

## **Term II**

### **SECTION - A**

#### **Employability Skills**

Unit 4: Entrepreneurial Skills

Unit 5: Green Skills

### **SECTION - B**

#### **Subject Specific Skills**

Unit 3: Java

Unit 4: Work Integrated Learning IT - DMA

## **APPLIED MATHEMATICS(241)**

### **TERM I**

Unit 1 Numbers, Quantification and Numerical Application.

Unit-2 Algebra

Unit-3 Calculus

Unit-5 Inferential Statistics

### **TERM II**

Unit-4 Probability Distributions

Unit-6 Index Numbers and Time based Data

Unit-7 Financial Mathematics

Unit-8 Linear Programming