

## CLASS - VII

### ENGLISH - I [ LANGUAGE ]

**1. Grammar Study**– Part of the lessons and poems taught.

#### **2. Collins English Grammar and Composition**

- 1) Nouns
- 2) Pronouns
- 3) Adjectives
- 4) Adverbs
- 5) Articles
- 6) Agreement of Subject and Verb
- 7) Expressing the Present
- 8) Expressing the Past
- 9) Expressing the Future
- 10) Active and Passive Voice
- 11) Prepositions
- 12) Conjunctions
- 13) Primary and Modal Auxiliaries
- 14) Punctuation
- 15) Direct and Indirect Speech

#### **3. Letters Writing :**

- a) Formal
- b) Informal

#### **4. Essays :**

- a) Descriptive
- b) Narrative
- c) Argumentative
- d) Imaginative

#### **5. Comprehension :** Unseen Passage

### ENGLISH - II [ LITERATURE ]

#### **Gem's English Reader Book - 7**

#### **Poems :**

1. Govinda's Disciple
2. Scratching the Tiger's Back
3. Rain in Summer
4. The Pied Piper of Hamelin
5. Friends and Flatterers
6. The Nightingale and the Glow Worm

#### **Prose :**

1. The Selfish Giant
2. Bravo Manju
3. A Grain as Big as a Hen's Egg
4. The Milkman of India
5. Getting Ready for Adventures

## HINDI - I

पुस्तक : कथा कलश

1. नाचिकेता
2. रक्षा में हत्या
3. तिजोरी की चाभी
4. अर्जुन की एकाग्रता
5. रवि की बुद्धिमान्नी
6. अवसर की चूक
7. रावण की सीख
8. बेचारा नेवला

नोट : उपर्युक्त पाठों का सारांश एवं प्रश्नोत्तर

निबन्ध :

1. गणतंत्र दिवस
2. जीवन में खेलों का महत्त्व
3. गंगा प्रदूषण
4. परोपकार
5. स्वदेश-प्रेम
6. विज्ञान वरदान या अभिशाप

व्याकरण : 'हिन्दी व्याकरण एवं रचना' भाग - 7

1. लिपि, व्याकरण (परिभाषा - भेद)
2. काल (परिभाषा - भेद)
3. उपसर्ग
4. विलोम

5. पर्यायवाची
6. मुहावरे (1 से 12 भाग तथा अन्य मुहावरे 1 से 25 तक)
7. शब्द विचार (रचना और उत्पत्ति के आधार पर)
8. प्रत्यय
9. श्रुतिसमभिन्नार्थक शब्द
10. वाक्यांश
11. अशुद्धि शोधन
12. अपठित गद्यांश

पत्र लेखन :

1. औपचारिक (चरित्र प्रमाण-पत्र हेतु प्रधानाचार्य को पत्र)  
औपचारिक (पुनः प्रवेश हेतु प्रधानाचार्य को पत्र)
2. अनौपचारिक (जन्मदिन पर आमंत्रित करने हेतु मित्र को पत्र)  
अनौपचारिक (मन लगाकर पढ़ाई करने हेतु भाई को पत्र)

## HINDI - II

पुस्तक : नूतन गुंजन हिन्दी पाठमाला भाग - 7

1. नदी
2. यह मेरा यह मीत का
3. मिठाई वाला
4. सरफरोशी की तमन्ना
5. पहली बूँद
6. स्नेहपगी पाती
7. निष्ठुर अनुकम्पा

8. राखी का मूल्य
9. सूरदास के पद
10. समययान
11. नमक का दरोगा
12. तूफानों की ओर
13. सुश्रुत
14. तीन प्रश्न

(उपर्युक्त पाठों के साथ दिये गये शब्दार्थ, प्रश्नोत्तर एवं व्याकरण सम्बन्धी अभ्यास कराये जायेंगे।)

## SANSKRIT

Book : **Sanskrit Sudha - II**

Work Book : **Sanskrit Sudha Abhyas Pustika - II**

पाठ :

1. एषा रमा
3. गिरीशस्य जन्मदिवसः
5. असत्यस्य परिणामः
6. प्रियं भारतम्
7. गङ्गा नदी
8. षड् ऋतवः
9. दशमः त्वम् असि
14. सुभाषितानि (1, 2, 3, 4, 5, 6)

## Declensions : (शब्दरूपाणि)

Masculine : मुनि, साधु

Neuter : पुस्तक

Feminine : मति, नदी

Pronouns : अस्मद्, युष्मद्, किम् - Masculine,  
Feminine & Neuter

## Conjugations : (धातुरूपाणि)

Past tense : लङ्लकार - अस्, कृ, भू, गम्

Imperative Mood : लोट् लकारः

अस्, कृ, गम्, भू

## MATHEMATICS

Book : **Mathematics Today - VII** by O.P. Malhotra

## Arithmetic :

1. Integers
2. Fractions and Decimals
3. Rational Numbers
4. Ratio and Proportion
5. Unitary Method [Ex - 8B Excluded]
6. Exponents
7. Speed, Time and Distance

### **Algebra :**

1. Algebraic Expression [Ex - 11 C,D,E Excluded]
2. Linear Equations in one Variable
3. Linear Inequalities

### **Geometry :**

1. Lines and Angles
2. Parallel Lines
3. Basic Construction
4. Triangles [Ex - 17 C Excluded]

### **Mensuration :**

1. Perimeter and Area (Ex. - 22 A, B, C included)
2. Volume and Surface Area of Solids

### **Data Handling :**

1. Frequency Distribution and Mean
2. Graphical Representation of Data  
Included [Ex - 24. Q1. (i), 2, 3, 4, 5, 11 (i)]

## **PHYSICS**

Book : **Physics - All the Way** (Sapphire Pub. Pvt. Ltd.)

- Ch. - 1. Measurement
- Ch. - 2. Motion and Force
- Ch. - 3. Energy

### Ch. - 4. Reflection of Light :

Terms involved with Plane mirror, Laws of Reflection, Regular and Diffused reflection characteristics and types of image formed in plane mirror, Uses of plane mirror

### Ch. - 5. Heat (Excluding Thermal expansion in Solid, Liquid and Gas)

### Ch. - 6. Sound (Excluding Characteristics of Sound)

### Ch. - 7. Electricity :

Electric Current, Source of Electricity, Electric Cell, Dry Cell, Battery, Electric mains, Electric generator, Solar Cell, Electricity from flowing wind and water, Electric Circuit and Circuit Diagram Closed and Open Circuit, Conductor and Insulator, Heating Effect of Electric Current, Magnetic Effect of Electric Current, Mechanical Effect of Electric Current, Chemical Effect of Electric Current, Conservation of Electricity.

### Ch. - 8. Magnetism

## **CHEMISTRY**

Book : **Candid New Trends in Chemistry - 7**

by Mrs. Baljinder Kaur

Evergreen Publication (India) Ltd. New Delhi

**1. Matter and its Composition :** Definition of matter, properties of matter, states of matter, what is matter made up of ? :- Solids, liquids and gases, inter molecular force of attraction, intermolecular spaces.

(Include – Kinetic energy, Change in state, change of state, sublimation)

**2. Changes in the World Around us :** Classification of changes – Desirable and undesirable, reversible and irreversible, physical and chemical, exothermic and endothermic changes; evaporation, boiling, condensation, freezing and melting.

[Include – Natural changes, man made changes, periodic and non periodic changes, dissolution and factors affecting dissolution, rusting and burning ]

**3. Separation of Substances :** Pure substances, elements, and its characteristics, compounds and its characteristics, mixtures, types of mixtures – homogeneous and heterogeneous mixtures, separation of mixtures – sublimation, evaporation, distillation, fractional distillation, using separating funnel and chromatography.

[ Exclude – Methods of separation such as winnowing, hand picking, magnetic separation, sieving, loading, filtration, floatation and centrifugation ].

**4. Atomic Structure :** Atom, inside atoms, arrangement of subatomic particles, atomic number, mass number, element, compound, chemical, Symbols, Atomicity, periodic table and its importance, radicals, valency, Associate the first 20 elements in periodic table with their names and symbols.

[Include – Dalton's atomic theory, electronic configuration, valence shell and valence electrons, electronic structure of elements].

[Exclude - Chemical formulae of elements and compounds, examples of valency, variable valency, criss-cross method of writing formula, significance of formula of a substance].

**5. Language of Chemistry :** Chemical reactions and equations, chemical equation, word equations.

[Exclude – Molecular equation balanced chemical equation, how to balance chemical equation, chemical reactions].

**6. Characteristics of Chemical Reactions :**

Chemical reaction, characteristics of chemical reactions– evolution of gas, change of colour, formation of precipitate, energy change and change of state.

[Catalysts and enzymes]

**7. Metals and Non-Metals :** Introduction, important terms referring to elements, physical properties of metals and non-metals common uses of metals, common non-metals, metalloids, uses of metalloids, corrosion (definition), methods to prevent corrosion.

[Exclude– Metals through history, occurrence of metals, chemical properties of metals and non-metals, alloys, compositions, properties and uses of common alloys, corrosion is advantageous also].

## BIOLOGY

Book : **Srijan ICSE Biology**

(Srijan Publication Pvt. Ltd.)

**1. Tissues :** Complete Chapter & Exercises (Excluding organization and levels, all the activities 1 to 8).

**2. Kingdom Classification :** Complete Chapter and Exercises (Excluding - Non flowering and flowering plant, all activities 1 to 3).

- 3. Kingdom Animalia :** Complete Chapter & Exercises.
- 4. Photosynthesis :** Complete Chapter & Exercises (Excluding activities 2, 4, 5, 6).
- 5. Respiration :** Complete Chapter and Exercises. (Excluding activities 1).
- 6. Excretory System :** Complete Chapter & Exercises.
- 7. Allergy :** Complete Chapter & Exercises.

## HISTORY AND CIVICS

Book : **Cambridge Connection** by Dr. M.P. Roxario

### HISTORY :

1. Rise of Christianity
2. Medieval Europe
3. Rise and Spread of Islam
4. Turkish Invasions and the Delhi Sultanate
5. Expansion of Delhi Sultanate
6. The Vijayanagara & Bahmani Kingdoms
7. The Early Mughals : Babur and Humayun
8. Case Study : Akbar
9. Jahangir Shah Jahan & Aurangzeb

### CIVICS :

1. The Constitution of India
2. Directive Principles of State Policy

## GEOGRAPHY

Book : **Voyage - 7**

Oxford University Press

1. Topographical Sheets : Colour, Signs and Symbols
2. Scale and Distance
3. Composition and Structure of Atmosphere
4. Green House Effect and Global Warming
5. Study of Weather
6. Recording of Weather
7. Europe : Location, Area, Political and Physical Features
8. Types of Rocks
9. Weathering and Soil
10. Industries : Their Need and Classification
11. Renewable and Non-Renewable Energy Resources
12. Africa : Location, Area, Political and Physical Features

### Diagrams :

- 1) Topographical Symbols (Pg. 11,12,13)
- 2) Composition of Atmosphere (Pg. 22)
- 3) Structure of Atmosphere (Pg. 24)
- 4) The Pressure Belts (Pg. 37)
- 5) Types of Rainfall (Pg. 39)
- 6) Structure of Earth Interior (Pg. 53)
- 7) Soil Profile (Pg. 62)
- 8) Formation of Rift Valley (Pg. 115)

## MAP WORK :

### EUROPE

- Ocean** : Arctic, Atlantic
- Water Bodies** : North Sea, Baltic, Caspian, Black Sea, Mediterranean, Adriatic.
- Straits** : Dover, Gibraltar.
- River** : Volga, Thames, Rhine, Danube.
- Mountains** : Alps, Pyrenees, Urals, Caucasus, Carpathians.
- Lakes** : Ladoga

### AFRICA

- Water Bodies** : Atlantic Ocean, Indian Ocean, Red Sea, Mediterranean Sea, Gulf of Guinea, Strait of Gibraltar, Suez Canal.
- Mountains** : Atlas, Drakensberg, Mt. Kilimanjaro, Ethiopian Highland.
- Desert** : Sahara, Kalahari, Libyan
- River** : Nile, Zaire, Niger, Zambezi, Orange.
- Lakes** : Chad, Victoria, Malawi, Tanganyika

## COMPUTER STUDIES

Book : **ICSE Understanding Computer Studies-VII (APC)**

- Chapter 2 : Number System : An Introduction
- Chapter 3 : Computer Virus
- Chapter 4 : Ethics and Safety Measures in Computing
- Chapter 5 : Spreadsheet - An Introduction
- Chapter 7 : HTML : Advanced Features

## GENERAL KNOWLEDGE

Book : **Knowledge World** (Marina Publications)

- 1) Pages 7 to 35
- 2) Pages 37 to 69

## MORAL SCIENCE

Book : **Inspiring Souls** [Marina Publication]

1. The Cloth Story
2. The Jumping Words
3. The Righteous King
4. This or That
5. The Miser Merchant

6. The Dream Bridge
7. Fun with Friends
8. The Choice of Feast
9. Nails in the Fence
10. Fire, Wind and Music
11. Save or Spend
12. Finding Solutions
13. How I Feel...
14. Look Beyond
15. Blind Attack

