

CLASS - VIII

ENGLISH - I [LANGUAGE]

FIRST TERM

1. New Aster Advanced - 8 *(Pearson)*

Learn About Language of the lessons and poems taught is included in English Paper-I (Language) in both the terms.

2. Collins English Grammar and Composition-8.

Grammar :

Chapter :

- i) Determiners
- ii) Verbs
- iii) Non-finite verbs
- iv) Agreement of Subject and Verb
- v) Modals
- vi) The Present Tense
- vii) The Past Tense
- viii) The Future Tense
- ix) Conjunctions
- x) Active and Passive Voice
- xi) Phrases and Clauses

Letters : a) Formal b) Informal

Essays : a) Descriptive and Narrative Essays
b) Argumentative Essays
c) Imaginative Essays

Comprehension : Unseen Passage.

Unit Test - I :

- a) Determiners
- b) Verbs
- c) Non-finite Verb

Unit Test - II :

- a) Conjunctions
- b) Active and Passive Voice

SECOND TERM

Grammar :

Chapter :

- i) Adjectives
- ii) Adverbs
- iii) Prepositions
- iv) Direct and Indirect Speech
- v) Relative Clauses
- vi) Sentences
- vii) Conditional Sentences
- viii) Transformation of Sentences
- ix) Synthesis of Sentences
- x) Grammar on the Go

Letters : a) Formal b) Informal

Essays : a) Descriptive and Narrative Essays
b) Argumentative Essays
c) Imaginative Essays

Comprehension : Unseen Passage.

Unit Test - III :

- a) Direct and Indirect Speech
- b) Adjectives

Unit Test - IV :

- a) Transformation of Sentences
- b) Synthesis of Sentences

ENGLISH - II

New Aster Advanced - 8

(Pearson)

FIRST TERM

Lessons

1. The Shoemaker
2. Thank you, Jeeves
3. El-ahrairah and the Black Rabbit of Inle
4. The Time Machine
5. Media : Then and Now

Poems

1. Ode to Autumn
2. Lines Written in Early Spring
3. The Bells

SECOND TERM

Lessons

1. The Adventure of the Engineer's Thumb
2. The Postmaster
3. Getting Ready for Adventure
4. A Cry Against Exploitation
5. A Prophecy Comes True

Poems

1. Ode to a Skylark
2. The Charge of the Light Brigade
3. A Musical Instrument

Unit Test - I :

- a) The Shoemaker (Prose)
- b) Ode to Autumn (Poem)

Unit Test - II :

- a) Thank you, Jeeves (Prose)
- b) Lines Written in Early Spring (Poem)

Unit Test - III :

- a) The Adventure of the Engineer's Thumb (Prose)
- b) Ode to Skylark (Poem)

Unit Test - IV :

- a) The Postmaster (Prose)
- b) The Charge of the Light Brigade (Poem)

HINDI - I

प्रथम सत्र

पुस्तक : कथा संग्रह भाग - 8

1. सबसे बड़ा ज्ञानी
2. महाराणा प्रताप
3. वन एवं वन्य-जीव संरक्षण
4. स्वावलंबन

नोट : उपर्युक्त पाठों का सारांश, शिक्षा एवं समस्त अभ्यास।

निबन्ध :

1. सभी के लिए शिक्षा अथवा सर्व शिक्षा अभियान
2. भारत की सांस्कृतिक एकता
3. आंतरिक सुरक्षा की चुनौतियाँ
4. अब्राहम लिंकन

व्याकरण : नवीन 'हिन्दी व्याकरण एवं रचना' भाग - 8

1. भाषा एवं व्याकरण
2. क्रिया और काल (भेदों के भेद) परिभाषा सहित
3. पर्यायवाची (दिल से लेकर चंद्रमा तक)
4. विलोम शब्द
5. एकार्थी शब्द
6. मुहावरे
7. अपठित गद्यांश

पत्र लेखन :

अनौपचारिक - संवेदना पत्र - मित्र की माता के निधन पर।

औपचारिक - पुस्तक विक्रेता को पत्र-पुस्तक प्राप्त होने के संदर्भ में।

Unit Test - I :

- 1) भाषा एवं व्याकरण
- 2) पर्यायवाची
- 3) सबसे बड़ा ज्ञानी

Unit Test - II :

- 1) महाराणा प्रताप
- 2) विलोम शब्द
- 3) एकार्थी शब्द

द्वितीय सत्र**पुस्तक : कथा संग्रह भाग - 8**

1. हमारा चरित्र-निर्माण
2. डॉ. भीमराव अंबेडकर
3. सत्यम् शिवम् सुंदरम्
4. प्राचीन भारतीय वैज्ञानिक

नोट : उपर्युक्त पाठों का सारांश, शिक्षा एवं समस्त अभ्यास।

निबन्ध :

1. जल संकट : समस्या और समाधान
2. मित्रता
3. आतंकवाद : अंतर्राष्ट्रीय समस्या
4. जीवन में परिश्रम का महत्त्व

व्याकरण :

1. अव्यय :
 - क) सम्बन्ध बोधक
 - ख) समुच्चय बोधक
 - ग) विस्मयादि बोधक
 - घ) क्रिया विशेषण
 - ङ) निपात

2. वाक्य विचार
3. अनेक शब्दों के लिए एक शब्द
4. कहावत
5. श्रुतिसम भिन्नार्थक शब्द
6. पर्यायवाची (पराग से सम्राट तक)
7. अपठित गद्यांश

पत्र लेखन :

औपचारिक - प्रधानाचार्य को पत्र - चरित्र-प्रमाण-पत्र लेने हेतु।

अनौपचारिक - छोटे भाई को पत्र - मन लगाकर पढ़ाई करने के लिए।

Unit Test - III :

- 1) अव्यय
- 2) हमारा चरित्र निर्माण
- 3) अनेक शब्दों के लिए एक शब्द

Unit Test - IV :

- 1) श्रुतिसम भिन्नार्थक शब्द
- 2) डॉ. भीमराव अंबेडकर
- 3) वाक्य विचार

HINDI - II

गुंजन हिन्दी पाठमाला - 8

प्रथम सत्र

1. कदम मिलाकर चलना होगा (कविता)
2. खुले आकाश में

3. लाख की चूड़ियाँ
4. कुरुक्षेत्र की कराह (कहानी)
5. रंग जाती एक ऋतु (कविता)
6. पंचतत्वों की कहानी
7. रथचक्र
8. एक कुत्ता और एक मैना

उपर्युक्त पाठों के अन्त में दिये गये शब्दार्थ, प्रश्नोत्तर एवं व्याकरण सम्बन्धी अभ्यास कराये जायेंगे।

Unit Test - I :

- 1) खुले आकाश में
- 2) लाख की चूड़ियाँ

Unit Test - II :

- 1) रंग जाती एक ऋतु (कविता)
- 2) पंचतत्वों की कहानी

द्वितीय सत्र

1. मेरा नया बचपन (कविता)
2. धरती का सुरक्षा कवच
3. अनोखा बदला
4. आठ अभिमन्यु
5. कपि करि हृदय विचार (कविता) दोहा / चौपाई
6. परदेस में बसा भारत
7. रोटियाँ

उपर्युक्त पाठों के अन्त में दिये गये शब्दार्थ, प्रश्नोत्तर एवं व्याकरण सम्बन्धी अभ्यास कराये जायेंगे।

Unit Test - III :

- 1) धरती का सुरक्षा कवच 2) मेरा नया बचपन

Unit Test - IV :

- 1) अनोखा बदला 2) आठ अभिमन्यु

SANSKRIT**FIRST TERM (प्रथम सत्र)**

- पाठ : 1. वृक्षारोपणस्य महत्त्वम्
2. सत्संगतिः
3. किं कर्तव्यं, किं न कर्तव्यम्
4. संस्कृत गौरवम्
5. लोकोक्तयः (1-5)
6. नीति-श्लोकाः - (1, 2)

Declensions : (शब्दरूपाणि)

Masculine : पितृ

Feminine : मातृ

Neuter : पुष्प

Pronouns : इदम् in Masculine, Feminine and Neuter

Conjugations : (धातुरूपाणि)

Potential Mood : विधिलिङ् लकार
अस्, कृ, भू, गम्, पठ्, पा, लिख्।

Unit Test - I :

1. वृक्षारोपणस्य महत्त्वम्
2. Declensions- पितृ, मातृ, पुष्प

Unit Test - II :

1. सत्संगतिः
2. नीति-श्लोकाः - (1, 2)
3. Conjugations : Potential Mood - अस्, कृ, भू, गम्

Note : 'पुनरावृत्ति' is included of the above lessons.

SECOND TERM (द्वितीय सत्र)

- पाठ : 1. बुद्धिर्यस्य बलं तस्य
2. अस्माकम् उत्सवाः
3. राष्ट्रचिह्नानि
4. लोकोक्तयः (6-10)
5. नीति-श्लोकाः (3, 4, 5)
6. पितृभक्तो नचिकेताः
7. स्वर संधिः - 1. दीर्घ, 2. गुण, 3. वृद्धि, 4. यण्

Declensions : (शब्दरूपाणि)

Masculine : राजन्

Feminine : गंगा, मति

Pronouns : अस्मद्, युष्मद्

Neuter : फल

Conjugations : (धातुरूपाणि)

Present Tense : पठ्, भू, गम्, दृश्, कृ, खाद्, अस्

Unit Test - III :

1. बुद्धिर्यस्य बलं तस्य
2. नीति श्लोकाः
3. *Declensions* : राजन्, मति, अस्मद्

Unit Test - IV :

1. अस्माकं उत्सवाः
2. राष्ट्र चिह्नानि
3. *Conjugations* : पठ्, भू, गम्, दृश् *Present Tense*

Note : 'पुनरावृत्ति' is included of the above lessons.

MATHEMATICS

Book : **An Easy Approach to ICSE Mathematics** by
S.K. Gupta & Anubhuti Gangal

FIRST TERM

Number System :

1. Rational Numbers
2. Exponents (Powers)
3. Playing with Numbers

Commercial Mathematics :

4. Percentage and its Applications

Algebra :

5. Algebraic Expressions
6. Factorisation

Geometry :

7. Understanding Shapes
8. Parallelograms
9. Construction of Quadrilaterals

Mensuration :

10. Areas of Trapezium, A Polygon and A Semicircle

Data Handling :

11. Statistics
12. Graphical Representation of Data

Unit Test - I :

1. Rational Numbers
2. Exponents (Powers)
3. Understanding Shapes

Unit Test - II :

1. Algebraic Expressions
2. Factorisation
3. Parallelograms

Note : Unit Test I & II syllabus will be included in the Half Yearly Examination.

SECOND TERM

Number System :

1. Squares and Square Roots
2. Cubes and Cube Roots
3. Sets

Commercial Mathematics :

- Compound Interest

Ratio & Proportion :

- Direct and Inverse Variation
- Time and Work

Algebra :

- Linear Equations in One Variable

Geometry :

- Representing 3-D Shapes in 2-D
- Graphs
- Idea of Symmetrical Shapes and Reflection Symmetry
- Circle

Mensuration :

- Volume and Surface Area of Solids

Data Handling :

- Probability

Unit Test - III :

- Squares and Square Roots
- Cube and Cube Roots
- Linear Equations in One Variable

Unit Test - IV :

- Sets
- Compound Interest
- Direct and Inverse Variation

Note : Unit Test III & IV syllabus will be included in the Annual Examination.

PHYSICS

Book : *Physics All the way* (Sapphire Publishers Pvt. Ltd.)

FIRST TERM

- Matter**
- Physical Quantities and Measurement**
- Force and Pressure :**
Force, Turning effect of a force, Moment of force, Liquid Pressure and its application, Pascal's law, Sinking and Floating, Atmospheric pressure and its application, Barometer
- More about Energy :**

Work, Energy and its forms, Conversion between Potential and Kinetic energy, Power, Difference between work, power and energy. (Excluding Pg. No. 57 to 68)

Unit Test - I :

- Matter

Unit Test - II :

- Physical quantities and measurement
- Force and Pressure

SECOND TERM

- Light :** (Excluding lens Pg. No. 84 to 92)
- Heat :**

[Excluding heat capacity, specific heat capacity, calorimetry and numerical G1, G4, G5]

7. Sound :

[Excluding overtones]

8. Static Electricity :

[Excluding structure of an atom, pith ball electroscope, electric current.]

9. Magnetism and Electricity :

Live, neutral and earth wire, safety components, hazards and precaution of electricity, power rating, consumption of electricity.

Unit Test - III : 1. Light

Unit Test - IV : 1. Heat
2. Sound

CHEMISTRY

*Book : Candid New Trends in Chemistry - 8 by Mrs. Baljinder Kaur
Evergreen Publications (India) Ltd.*

FIRST TERM

1. MATTER AND ITS COMPOSITION**2. PHYSICAL AND CHEMICAL CHANGES**

[Exclude - Chemical reaction and its conditions]

3. ELEMENTS, COMPOUNDS AND MIXTURES**4. ATOMIC STRUCTURE**

[Exclude - chemical bonds and their differences.]

5. LANGUAGE OF CHEMISTRY**Unit Test - I :**

1. Matter and its Composition
2. Physical and Chemical Changes

Unit Test - II :

1. Elements, Compounds and Mixtures

SECOND TERM

6. CHEMICAL REACTIONS**7. HYDROGEN**

[Exclude- Oxidation and reduction reactions & Redox reaction]

8. WATER

[Exclude - Water cycle, Importance of water, potable water, purification of drinking water, uses of water, chemical analysis of water, composition of water by volume and mass, test for gases, formation of water, Laboratory preparation of water, test for water and Pollution of water.]

9. CARBON AND ITS COMPOUNDS**10. OXIDES OF CARBON**

[Exclude – General preparation of Carbon dioxide, Radiations from sun, Green house effect and global warming.]

Unit Test - III : 1. Chemical Reactions

Unit Test - IV : 2. Hydrogen
3. Water

BIOLOGY

Book : **Candid New Trends In Biology - 8**

FIRST TERM

1. Transport of Food & Mineral in Plants
2. Reproduction in Plants and Animals
(Excluding Sexual reproduction and development in humans)
3. Ecosystem
4. Endocrine System
5. Adolescence and Accompanying changes
6. Circulatory System

Unit Test - I :

1. Transport of Food & Minerals in Plants

Unit Test - II :

1. Reproduction in Plants and Animals
2. Ecosystem

SECOND TERM

1. Nervous System
2. Health and Hygiene
3. First aid
4. Food Production

Unit Test - III :

1. Nervous System

Unit Test - IV :

2. Health and Hygiene

HISTORY AND CIVICS

Book : Themes in Social Studies - 8

(Prachi Pub.)

FIRST TERM

HISTORY :

1. A Period of Transition
2. The Growth of Nationalism
3. The French Revolution
4. The American War of Independence
5. The American Civil War
6. India in The 18th Century AD
(Decline of the Mughal Empire)
7. Rise of Independent / Regional Kingdoms

CIVICS :

1. Our Parliament - Union Legislature
2. The Union Executive
3. The Judiciary

Unit Test - I :

1. A Period of Transition
2. The Growth of Nationalism

Unit Test - II :

1. The French Revolution
2. The American War of Independence
3. Our Parliament - Union Legislature

SECOND TERM

HISTORY :

1. Traders to Rulers (1)
2. Traders to Rulers (2)
3. British Policies and Impacts
4. The Great Uprising of AD 1857
5. Socio - Religious Reforms
6. First Phase : India's Struggle For Freedom
7. Second Phase : India's Struggle For Freedom

CIVICS :

1. The United Nations (Organisation)

Unit Test - III :

1. Traders to Rulers (1)
2. Traders to Rulers (2)
3. British Policies and Impacts

Unit Test - IV :

1. The Great Uprising of AD 1857
2. Socio - Religious Reforms
3. The United Nations (Organisation)

GEOGRAPHY

Book : Voyage - VIII

Oxford University Press

FIRST TERM

Chapters

2. Population
3. Migration
4. Urbanization
7. Asia : Location, Extent, Political & Physical Features
8. Asia : Climate & Natural Vegetation

MAP WORK : ASIA

Ocean : Arctic, Pacific, Indian

Sea : Red, South China, Java, Yellow, Japan, Okhotsk, Bering, Aral, Caspian.

Rivers : Ob, Yenisey, Lena, Amur, Hwangho, Chang-Jiang, Indus, Tigris, Euphrates, Mekong, Amu & Syr Darya.

Lakes : Balkash, Baikal.

Mountains : Himalayas, Kunlun, Hindukush, Sulaiman, Urals.

Straits : Bering, Malacca.

Plateaus : Pamir Knot, Arabian, Deccan, Tibet.

Unit Test - I : Population (Ch. 2)
Migration (Ch. 3)

Unit Test - II : Asia : Location, Extent, Political & Physical Features (Ch. 7)
Map Work of Asia.

SECOND TERM

Chapters

1. Interpreting Topographical Maps
5. Natural & Man made Disasters
6. Disaster Management
9. India : Location, Extent, Political & Physical Features
10. India : Climate, Natural Vegetation & Wild Life
11. India : Human Resources

MAP WORK : INDIA

Water Bodies : Indian Ocean, Arabian Sea, Bay of Bengal, Lakshdweep Sea, Andaman Sea, Gulf of Kuchchh, Khambat & Munnar, Palk Strait, Chilka Lake.

Mountain : Himalayas, Karakoram, Aravali, Vindhya, Satpura, Western & Eastern Ghats.

Plains : Western Coastal (Konkan & Malabar) Eastern Coastal (N. Circars & Coromandel) Sunderban Delta, Thar Desert, Gangetic Plains.

Rivers : Indus, Ganga, Yamuna, Brahmaputra, Narmada, Tapi, Mahanadi, Godavari, Krishna, Kaveri.

Islands : Lakshdweep, Andaman & Nicobar.

Latitude : Tropic of Cancer

Unit Test - III :

Interpreting, Topographical Maps (Ch. 1)
Natural & Manmade Disaster (Ch. 5)

Unit Test - IV :

India : Location, Extent Political and Physical Features. (Ch. 9)

Map work of India.

Note : Picture based question will be asked in Half Yearly and Annual Examinations.

COMPUTER STUDIES

Book : **ICSE Understanding Computer Studies - VIII**

Avichal Publishing Company

FIRST TERM

1. Operating System (OS) & Graphical User Interface (GUI)
2. Spreadsheet - Functions and Charts
6. Networks
 - Unit - 1 : Communication System and Network Topology
 - Unit - 2 : Internet and Protocol

Unit Test - I :

1. Operating System (OS) & Graphical User Interface (GUI)

Unit Test - II :

2. Spreadsheet - Functions and Charts
6. Networks

Unit - 1 : Communication System and Network Topology

SECOND TERM

4. Program Coding

Unit - 1 : Basics of JAVA Programming

Unit - 2 : Compiling and Executing JAVA Programs

Unit Test - III :

4. Program Coding

Unit - 1 : Basics of JAVA Programming

Unit Test - IV :

4. Program Coding

Unit - 2 : Compiling and Executing JAVA Programming

MORAL SCIENCE

Book :

FIRST TERM Lesson 1 to 10

SECOND TERM Lesson 11 to 20

Book : My Eighth Safety Workbook

FIRST TERM Lesson : 1 to 16

SECOND TERM Lesson : 17 to 31

GENERAL KNOWLEDGE

Book : KNOWLEDGE WORLD - 8 (Marina Pub.)

FIRST TERM

Pages 7 - 39

Current affairs from the daily news.

SECOND TERM

Pages 40 - 69

Current affairs from the daily news.

