

## **HISTORY & CIVICS CLASS 7**

**(Book: Transition History & Civics of ICSE – by Dutta Roy. Madhuban Educational Books)**

### **First Term**

History:

- Chapter 2 - Mhd Ghazni & Muhammed of Ghur
- Chapter 3 - Delhi Sultanate – The Slave Dynasty
- Chapter 4 - The Khaljis
- Chapter 5 - Tughluq & Lodi Dynasties

Civics:

- Chapter 1 - Making of our constitution
- Chapter 2 - Basic Ideas of the constitution.

### **Final Term**

History:

- Chapter 7 - Advent of Mughals
- Chapter 8 - Akbar
- Chapter 9 - Jahangir and Shah Jahan
- Chapter 10 - Aurangzeb and Sivaji

Civics:

- Chapter 6 - Citizenship – Fundamental Right & Duties
- Chapter 7 - Directive Principles of State Policy.

## *SYLLABUS 2012 – 2013*

### *PHYSICS CLASS – VII*

*NAME OF THE BOOK – NEW LIVING SCIENCE PHYSICS BY RATNA SAGAR*

#### **MID TERM:**

<i>Chapter 1</i>	<i>:</i>	<i>Measurement</i>
<i>Chapter 2</i>	<i>:</i>	<i>Motion</i>
<i>Chapter 3</i>	<i>:</i>	<i>Sound</i>

#### **FINAL TERM:**

<i>Chapter 4</i>	<i>:</i>	<i>Heat</i>
<i>Chapter 5</i>	<i>:</i>	<i>Light and Shadows</i>
<i>Chapter 6</i>	<i>:</i>	<i>Reflection of Light</i>
<i>Chapter 1</i>	<i>:</i>	<i>Measurement (from first term)</i>

## *SYLLABUS 2012 – 2013*

### *MATHEMATICS CLASS – VII*

*NAME OF THE BOOK – Middle School Mathematics (for class 7) by Selina Publishers*

#### **1<sup>st</sup> TERM**

#### **PAPER I**

<i>Chapter 2</i>	<i>:</i>	<i>Powers and Roots</i>
<i>Chapter 3</i>	<i>:</i>	<i>HCF and LCM</i>
<i>Chapter 4</i>	<i>:</i>	<i>Fractions</i>
<i>Chapter 5</i>	<i>:</i>	<i>Decimal Fractions</i>
<i>Chapter 6</i>	<i>:</i>	<i>Unitary Method</i>
<i>Chapter 7</i>	<i>:</i>	<i>Speed, distance and time</i>
<i>Chapter 33</i>	<i>:</i>	<i>Set Concepts</i>
<i>Chapter 34</i>	<i>:</i>	<i>Subsets, Universal Sets</i>
<i>Chapter 35 A</i>	<i>:</i>	<i>Venn Diagram (excluding problem sums)</i>
<i>Chapter 35 B</i>	<i>:</i>	<i>Omit</i>

#### **PAPER – II**

<i>Chapter 13</i>	<i>:</i>	<i>Fundamental concepts</i>
<i>Chapter 15</i>	<i>:</i>	<i>Simplification</i>
<i>Chapter 16</i>	<i>:</i>	<i>Equation (omit Inequation)</i>
<i>Chapter 17</i>	<i>:</i>	<i>Change the subject of formula</i>
<i>Chapter 23</i>	<i>:</i>	<i>Lines &amp; Angles</i>

Chapter 24 : Triangles (Incircle & circumcircle are excluded)

**2<sup>nd</sup> TERM**

**PAPER – I**

Chapter 8 : Ratio (proportion included)  
Chapter 9 : Percentage  
Chapter 10 : Profit loss & discount  
Chapter 11 : Simple Interest  
Chapter 12 : Average  
Chapter 30 : Perimeter and Area.

**PORTIONS INCLUDED FROM 1<sup>ST</sup> TERM:**

- Powers and Roots
- Fractions
- Unitary method
- Speed distance & time
- Subsets & Universal sets
- Venn Diagram (excluding problem sums)

**PAPER – II**

Chapter 14 : Product  
Chapter 18 : Problems based on simple equation  
Chapter 19 : Factorization  
Chapter 20 : Graphs: Plotting of points/including equations  
Chapter 22 : Indices  
Chapter 26 : Congruency  
Chapter 32 : Statistics

**PORTIONS INCLUDED FROM 2<sup>ND</sup> TERM:**

- Fundamental concept
- Simplification
- Equation
- Lines & Angles
- Triangles

## CLASS – VII

### LITERATURE

Text Book: IMPRESSIONS – 7(PEARSON LONGMAN)

#### 1ST Term

##### PROSE

1. **The Black Cat**
2. **The Desirable Shawl**
3. **My Home Environment**
4. **A Song for Jin Wai**
5. **The Bird Man of India**
6. **Lorna Doone**

##### POEMS

1. **Speak Gently**
2. **Sonnet**
3. **Lucy Gray**

#### Final Term

##### PROSE

1. **The Attic**
2. **Turkish Swells**
3. **Getting Ready for Adventures**
4. **The Rampuram Tiger**
5. **A Mystery Unfolds**
6. **Cheese**

##### POEMS

1. **The Vagabond**
2. **The Lake Isle of Innisfree**
3. **Sea Fever**

**CLASS – VII**

**2<sup>nd</sup> LANGUAGE (BENGALI)**

BOOKS :

1) SAHITYA CHAYAN (FOR CLASS 7)

2) GRAMMAR : BHASHA BICHITRA

(PANCHAM BHAG - FOR CLASS 7)

HALF YEARLY

SEC A –

LANGUAGE (FM=50)

1. ESSAY /STORY WRITING -15
2. LETTER WRITING (Informal) -10
3. COMPREHENSION -15
4. GRAMMAR -10

\* BYANJAN SANDHI SUTRA 1- 9

\* PADANTAR PG -78 & 79

\* SPELLING

\* SENTENCE MAKING

SEC B–

LITERATURE (FM=50)

PROSE:-

1. JAPANER PATHE
2. BIDHANGSHA
3. GALLEILEO

POETRY:-

1. BANAGAMANER PRAKKALE
2. BANGABANI
3. MANI

FINAL TERM

SEC A –

LANGUAGE (FM=50)

1. ESSAY -15
2. LETTER WRITING (Informal) -10
3. COMPREHENSION -15
4. GRAMMAR -10

\* SAMANAM (Prithibi, Surjo, Chandra, Jol,  
Agni, Padma)

\* SPELLING

\*OPPOSITES PG -84 & 85

\*BISISTERTHOE PROYOG

(Mukh, Matha, Kaan, Paka)

SEC B–

LITERATURE (FM=50)

PROSE:-

1. TOTOPARAR SEKAL-EKAL
2. ALOR PIPASA
3. SWADHINATAR SAINIK

POETRY:-

1. BIDYE BOJHAI BABUMOSHAI
2. SAMYABADI
3. SHASTHICHARAN

## SYLLABUS FOR THE SESSION: 2012 – 13

### CLASS: 7

#### FIRST/MID TERM

**CHEMISTRY:** [ Book: New Living Science Chemistry, Class: 7 – Ratna Sagar]  
Ch. 1 – Elements and Compounds; Ch. 2 – Physical and Chemical Change; Ch. 3 – Air and its Constituents;

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**COMPUTER APPLICATIONS:**[Optima Gen Next 7, A Computer Book for the Next generation By G. Ram Books(P) Ltd. , Delhi]

CHAPTERS: 1. Computer Languages; 4. Ms Excel – Editing A Worksheet; 5. Formatting Worksheet in Ms Excel; 6. Using Formulas in Excel.

BASIC: IF ..... THEN ..... ELSE with AND/OR, FOR ..... NEXT with steps, counters, Math's Functions – INT, MOD, ABS, SQR, SGN (Math's Function to be included with condition & loop programs).

PRACTICAL: Microsoft Excel [20 Marks]

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**BIOLOGY:** [Book: New Living Science Biology for Class 7 – Ratna Sagar]

Ch. 1 – Basic Biology; Ch. 2 – Organisation in Living Things; Ch. 3 – Movement in Animals and Plants.

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#### 2<sup>nd</sup> LANGUAGE (HINDI):

SECTION: A (LANGUAGE) [50 Marks]

1. Essay (200 – 250 words); 2. Letter (Informal) – (100 – 120 words); 3. Comprehension: Hindi Arth Grahana; 4. Grammar: (Text: Bhasha Parichay. Bhag : 7):- (a) Case, (b) Punctuation; (c) Opposites: Pg. 86, (d) Synonyms: Pg. 88, (e) One Word for many : Pg. 91, (f) Idioms: Pg. 104 to 106, (g) Do as Directed.

SECTION: B (LITERATURE) [50 Marks]

[Book: Gunjan Hindi Pathmala Bhag – 7]

POEM: Ch. 5 – Pehali Bund; Ch. 9 – Jhansi Ki Rani Ki Samadhi.

PROSE: Ch. 2 – Yeh Mera Yeh Meet Ka; Ch. 3 – Gurubhakt Uttank; Ch. 6 – Mithaiwala; Ch. 10 – Haar Ki Jeet.

## **FINAL TERM**

### **CHEMISTRY:**

Ch. 4 – Chemistry in Your Life; Ch. 6 – Water; Ch. 1 – Elements and Compounds; Ch. 2 – Physical and Chemical change.

[Note Chapters 1 & 2 from the Mid Term is included in the FINAL TERM]

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### **COMPUTER APPLICATIONS:**

CHAPTERS: 3 – Mail Merge in Ms Word; 7 – Power Point – Advance Features; 8 – More on Internet; 9 – Introduction to HTML.

BASIC: FOR loop; String Functions – LEN, LEFT\$, MID\$, RIGHT\$ (without FOR loop): String Concatenation; 1<sup>st</sup> Term BASIC Syllabus to be included.

PRACTICAL: BASIC Programming [20 Marks]

### **BIOLOGY:**

Ch. 4 – Nutrition in Animals and Plants; Ch. 5 – Ingestion, Digestion, Absorption, Assimilation; Ch. 6 – Respiration and Excretion in Animals and Plants.

[Mid Term Syllabus is not included in the Final Term]

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### **2<sup>nd</sup> LANGUAGE (HINDI):**

SECTION: A (LANGUAGE) [50 Marks]

1. Essay (200 – 250 words); 2. Letter (Informal) – (100 – 120 words); 3. Comprehension: Hindi Arth Grahana; 4. Grammar: [Text: Bhasha Parichay. Bhag : 7]:- (a) Case, (b) Punctuation; (c) Opposites: Pg. 86 & 87, (d) Synonyms: Pg. 88 & 89, (e) One Word for many : Pg. 91 & 92, (f) Idioms: Pg. 104 to 107 (1- 33), (g) Do as Directed.

SECTION: B (LITERATURE) [50 Marks]

POEM: Ch. 17 – Tufano Ki Or; Ch. 22 – Jaigaan;

PROSE: Ch. 11 – Rakhi Ka Mulya; Ch. 16 – Sarfarsi Ki Tamanna; CH. 18 – Namak Ka Daroga; Ch. 19 – Susurt.

**GEORGRAPHY CLASS 7 (Book: Voyage Geography for Middle School**

– 7 (Dorothy M. Noronha) edition 2009

**First Term**

- Chapter 1 - Locating Places on Earth
- Chapter 2 - Motions of the Earth
- Chapter 3 - The Four Realms of the Earth
- Chapter 6 - North America – location, Area, Political & Physical features
- Chapter 7 - North America – climate, Natural Vegetation and wild life
- Chapter 8 - North America – Natural Resources Utilization

Map of North America to be done thoroughly.

**Final Term**

- Chapter 2 - Motions of the Earth
- Chapter 4 - Weathering
- Chapter 5 - Weather study
- Chapter 11 - South America – location, Area, Political & physical features.
- Chapter 12 - South America – climate, Natural Vegetation & wild life.
- Chapter 13 - South America – Natural Resources Utilization.

All maps and diagrams relevant to the topics, in all the chapters must be done.

‘Did you know’ and added information as ‘Fact File’ is included.



**ENGLISH LANGUAGE CLASS 7 (Book: Grammar & Composition Skills Cornerstone – Book 7 – Publishers: Pearson Longman – Authors: Ruplekha Sengupta & Nupur Ghosh)**

**First Term**

- Chapter 1 - The Sentences
- Chapter 2 - Nouns
- Chapter 3 - Pronouns
- Chapter 4 - Adjectives
- Chapter 6 - Articles
- Chapter 10 - Modals & Auxiliaries
- Chapter 11 - Non-Finite Verbs
- Chapter 12 - Transitive & Intransitive Verbs
- Chapter 14 - Subject – Verb Agreement
- Chapter 15 - Prepositions

**Final Term**

Topics of First Term Grammar included

- Chapter 5 - Adverbs
- Chapter 7 - Simple Tenses
- Chapter 8 - Continuous Tenses
- Chapter 9 - Perfect Tenses
- Chapter 13 - Active & Passive Voice
- Chapter 16 - Conjunctions
- Chapter 18 - Punctuation
- Chapter 19 - Direct & Indirect Speech

