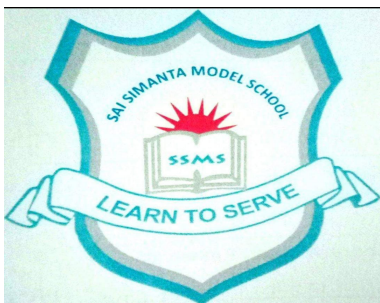


# SAI SIMANTA MODEL SCHOOL

Affiliated to Central Board of Secondary Education (C.B.S.E), NEW DELHI  
School No. : 15757 \* Affiliation No. – 2430252 (Run by Sai Educationals Trust)  
Web- [www.saisimantamodelschool.in](http://www.saisimantamodelschool.in) Email: [saisimantamschool@gmail.com](mailto:saisimantamschool@gmail.com)



**Syllabus: 2024-2025**

**Class- X**

Name.....

Roll No.....

House.....

**Khedapara, Puratan Bongaon,  
North 24 Parganas, West Bengal, PIN- 743235  
Ph.: +91 8373057279**



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**Subject-English Language and Literature (184)**

**Periodic Test –I**

**Full Marks -20**

**[ Periodic Assessment- 5 ,**

**Assessment of Speaking and Listening Skills-5,**

**Portfolio - 5**

**Subject Enrichment(Art- integrated projects)- 5 ].**

Name of the book	Chapter No. And Name
First Flight	<ul style="list-style-type: none"><li>● PROSE:-  Chapter 1: A Letter to God. Chapter 2: Nelson Mandela: Long Walk to Freedom.</li></ul> <hr/> <ul style="list-style-type: none"><li>● POEM:-  Chapter 1 : Dust Of Snow Chapter 1 : Fire And Ice</li></ul>
Footprints Without Feet	Chapter 1: A Triumph of Surgery. Chapter 2: The Thief's Story.
Grammar and Composition (Reading/Writing)	<ul style="list-style-type: none"><li>● READING SKILL :-  I. Factual Passage.  II. Discursive Passage.</li></ul> <hr/> <p>•WRITING SKILL:-</p>



	<p>I. Letter to the editor.</p> <p>II. Paragraph Writing</p>
Grammar and Composition	<ul style="list-style-type: none"> <li>• Modals</li> <li>• Determiners</li> </ul>

### Mock Test

Full marks -80

Name of the book	Chapter No. And Name
First Flight	<ul style="list-style-type: none"> <li>• <b>PROSE:-</b>  Chapter 1: A Letter to God.  Chapter 2: Nelson Mandela: Long Walk to Freedom.  Chapter 3: Two Stories about Flying  I. His First Flight  II. Black Aeroplane  Chapter 4: From the Diary of Anne Frank.</li> </ul> <hr/> <ul style="list-style-type: none"> <li>• <b>POEM:-</b>  Chapter 1 : Dust Of Snow  Chapter 1 : Fire And Ice  Chapter 2 : A Tiger in the Zoo  Chapter 3 : How to Tell Wild Animals  Chapter 3: The Ball Poem  Chapter 4: Amanda</li> </ul>
Footprints Without Feet	<p>Chapter 1: A Triumph of Surgery.</p> <p>Chapter 2: The Thief's Story.</p> <p>Chapter 3: The Midnight Visitor.</p>



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	Chapter 4: A Question of Trust. Chapter 5: Footprints Without Feet.
Grammar and Composition (Reading/Writing)	<ul style="list-style-type: none"> <li>● <b>READING SKILL :-</b></li> </ul> <p>I . Factual Passage.</p> <p>II. Discursive Passage.</p> <hr/> <p>•<b>WRITING SKILL:-</b></p> <p>I. Formal letters - Complaint/Inquiry</p> <p>II. Writing an analytical paragraph based on the given map/ Chart/ report/ line graph/ Cue/s.</p>
Grammar and Composition (Grammar)	<ul style="list-style-type: none"> <li>● Tenses</li> <li>● Modals</li> <li>● Subject – verb concord</li> <li>● Reported speech</li> <li>● Commands and requests</li> <li>● Statements:</li> <li>● Questions</li> <li>• Determiner</li> </ul>



## Periodic Test –II

Full Marks -20

[ Periodic Assessment- 5 ,

Assessment of Speaking and Listening Skills-5,

Portfolio - 5

Subject Enrichment(Art- integrated projects)- 5 ].

Name of the book	Chapter No. And Name
First Flight	<ul style="list-style-type: none"><li>● PROSE:-  Chapter 5: Glimpses of India. I. A Baker from Goa II.Coorg III. Tea from Assam Chapter 6: Mijbil The Otter.</li></ul> <hr/> <ul style="list-style-type: none"><li>● POEM:-  Chapter 5: The Trees. Chapter 6: Fog</li></ul>
Footprints Without Feet	Chapter 6: The Making of a Scientist. Chapter 7: The Necklace.
Grammar and Composition (Reading/Writing)	<ul style="list-style-type: none"><li>● READING SKILL :-  I . Factual Passage.  II. Discursive Passage.</li></ul> <hr/> <ul style="list-style-type: none"><li>•WRITING SKILL:-  I. Formal letter : Placing order</li></ul>



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	II. Article Writing
Grammar and Composition (Grammar)	<ul style="list-style-type: none"> <li>• Subject – verb concord</li> <li>• Use of Passive Voice</li> <li>• Prepositions</li> </ul>

### Periodic Test –III

Full Marks -20

[ Periodic Assessment- 5 ,  
Assessment of Speaking and Listening Skills-5,  
Portfolio - 5  
Subject Enrichment(Art- integrated projects)- 5 ].

Name of the book	Chapter No. And Name
First Flight	<ul style="list-style-type: none"> <li>• PROSE:-</li> </ul> <p>Chapter 7: Madam Rides the Bus Chapter 8:The Sermon at Benares Chapter 9:The Proposal</p> <hr/> <ul style="list-style-type: none"> <li>• POEM:-</li> </ul> <p>Chapter 6 : Fog Chapter 7 : The Tale of Custard the Dragon. Chapter 8: For Anne Gregory.</p>
Footprints Without Feet	<p>Chapter 8: Bholi Chapter 9: The Book That Saved the Earth</p>



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Grammar and Composition (Reading/Writing)	<ul style="list-style-type: none"> <li>READING SKILL :-           <ol style="list-style-type: none"> <li>Factual Passage.</li> <li>Discursive Passage.</li> </ol> </li> </ul> <hr/> <ul style="list-style-type: none"> <li>WRITING SKILL:-           <ol style="list-style-type: none"> <li>Formal letter based on a given situation .</li> <li>Writing an analytical paragraph based on the given map/ Chart/ report/ line graph/ Cue/s.</li> </ol> </li> </ul>
Grammar and Composition (Grammar)	<ul style="list-style-type: none"> <li>Subject – verb concord</li> <li>Determiner</li> <li>Use of Passive Voice</li> <li>Clauses: Noun, Adverb Clauses of condition and time, Relative Clauses.</li> <li>Prepositions</li> </ul>

**Pre –Board Examination**  
Full Marks -80

Name of the book	Chapter No. And Name
First Flight	<ul style="list-style-type: none"> <li>PROSE:-</li> </ul> <p>Chapter 1: A Letter to God.            Chapter 2: Nelson Mandela: Long Walk to Freedom.            Chapter 3: Two Stories about Flying                I. His First Flight                II. Black Aeroplane            Chapter 4: From the Diary of Anne Frank.</p>



	<p>Chapter 5: Glimpses of India.  I. A Baker from Goa  II.Coorg  III. Tea from Assam  Chapter 6: Mijbil The Otter.  Chapter 7: Madam Rides the Bus  Chapter 8:The Sermon at Benares  Chapter 9:The Proposal</p> <hr/> <p>● <b>POEM:-</b></p> <p>Chapter 1 : Dust Of Snow  Chapter 1 : Fire And Ice  Chapter 2 : A Tiger in the Zoo  Chapter 3 : How to Tell Wild Animals  Chapter 3: The Ball Poem  Chapter 4 : Amanda!  Chapter 5: The Trees  Chapter 6 : Fog  Chapter 7 : The Tale of Custard the Dragon.  Chapter 8: For Anne Gregory.</p>
<b>Footprints Without Feet</b>	<p>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.  Chapter 6: The Making of a Scientist.  Chapter 7: The Necklace.  Chapter 8: Bholi  Chapter 9: The Book That Saved the Earth</p>
<b>Grammar and Composition (Reading/Writing)</b>	<p>● <b>READING SKILL :-</b></p> <p>I .Factual Passage.</p> <p>II.Discursive Passage.</p> <hr/>





	<p><b>•WRITING SKILL:-</b></p> <p>I. Formal letter based on a given situation .</p> <p>II. Writing an analytical paragraph based on the given map/ Chart/ report/ line graph/ Cue/s.</p>
Grammar and Composition (Grammar)	<p><b>Integrated Grammar :</b></p> <ul style="list-style-type: none"> <li>• Tenses</li> <li>• Modals</li> <li>• Subject – verb concord</li> <li>• Reported speech</li> <li>• Commands and requests</li> <li>• Statements:</li> <li>• Questions</li> <li>• Determiner</li> <li>• Use of Passive Voice <ul style="list-style-type: none"> <li>• Clauses: Noun, Adverb Clauses of condition and time, Relative Clauses.</li> </ul> </li> <li>• Prepositions</li> </ul>

<ul style="list-style-type: none"> <li>• <u>Project (Term-I)</u></li> </ul> <hr/> <ul style="list-style-type: none"> <li>• <u>Portfolio</u></li> </ul>	<p><b>Poem:-</b> Dust of Snow/Fire and Ice</p> <hr/> <ul style="list-style-type: none"> <li>• Letter Writing/ Favourite Writers(First Flight/Footprints without Feet)</li> </ul>
<ul style="list-style-type: none"> <li>• <u>Project (Term-II)</u></li> </ul> <hr/> <ul style="list-style-type: none"> <li>• <u>Portfolio</u></li> </ul>	<p><b>Prose:-</b> Two Stories about Flying/Glimpses of India</p> <hr/> <ul style="list-style-type: none"> <li>• Write about yourself (Bio- data)</li> </ul>



**Subject – HINDI 2nd language(002)**

**Periodic Test –IFull Marks -20[ Periodic Assessment- 5 ,Assessment of Speaking and Listening Skills-5,Portfolio - 5Subject Enrichment(Art- integrated projects)- 5].**

Name of the book	Chapter No. And Name
क्षितिज भाग- 2	1.पद 2.राम लक्ष्मण परशुराम संवाद 10.नेताजी का चश्मा 11.बालगोबिन भगत
कृतिका भाग- 2	1. माता का अंचल
प्राची व्याकरण	रचना के आधार पर वाक्य भेद पत्र लेखन

**Mock Test**

**Full marks -80**

Name of the book	Chapter No. And Name
क्षितिज भाग- 2	3.सवैया, कवित्त 4.आत्मकथा 12.लखनवी अंदाज 13.मानवीय करुणा की दिव्य चमक
कृतिका भाग -2	2. जॉर्ज पंचम की नाक
प्राची व्याकरण	पद परिचय ,अपठित बोध ,अनुच्छेद / निबंध लेखन

**Periodic Test -II**

**Full marks -20**

(Periodic Assessment-5, Multiple Assessment-5, Portfolio-5, Subject Entertainment-5)

Name of the book	Chapter No. And Name
क्षितिज भाग -2	5.उत्साह अट नहीं रही है 6.यह दंतुरित मुसकान 14.एक कहानी यह भी 15.स्त्री शिक्षा के विरोधी कुतर्कों का खंडन
कृतिका भाग -2	3. साना साना हाथ जोड़ी
प्राची व्याकरण	वाच्य, पत्र लेखन, अनुच्छेद ,/निबंध लेखन ,संदेश लेखन



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### Periodic Test -III

**Full marks -20**

(Periodic Assessment-5, Multiple Assessment-5, Portfolio-5, Subject Entertainment-5)

Name of the book	Chapter No. And Name
क्षितिज भाग -2	7.छाया मत छूना 8.कन्यादान 9.संगतकार 16.नौबतखाने में इबादत 17.संस्कृति
कृतिका भाग- 2	4. एही ठैया झुलनी हेरानी हो रामा! 5. मैं क्यों लिखता हूँ?
प्राची व्याकरण	संदेश लेखन ,विज्ञापन लेखन, अपठित बोध

### Pre -Board examination

**Full marks -80**

Name of the book	Chapter No. And Name
क्षितिज भाग- 2	1.पद 2.राम लक्ष्मण परशुराम संवाद 3.सवैया,कवित्त 4.आत्मकथ्य 5.उत्साह अट नहीं रही है 6. यह दंतुरित मुसकान, फसल 7. छाया मत छूना 8.कन्यादान 9. संगतकार 10.नेताजी का चश्मा 11.बालगोबिन भगत 12. लखनवी अंदाज 13. मानवीय करुणा की दिव्य चमक 14. एक कहानी यह भी 15. स्त्री शिक्षा के विरोधी कुतर्कों का खंडन 16.नौबत खाने में इबादत 17.संस्कृति
कृतिका भाग -2	1. माता का अंचल 2. जॉर्ज पंचम की नाक 3. साना साना हाथ जोड़ी 4.एही ठैया झुलनी हेरानी हो रामा! 5. मैं क्यों लिखता हूँ



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प्राची व्याकरण	रचना के आधार पर वाक्य भेद, वाच्य, पद परिचय, रस रचना भाग, अलंकार पत्र लेखन, निबंध लेखन / अनुच्छेद लेखन, विज्ञापन लेखन, संदेश लेखन, ईमेल लेखन, सूचना लेखन
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<ul style="list-style-type: none"> <li>परियोजना कार्य (Term-I)</li> <li>पोर्टफोलियो</li> </ul>	1. कविता : सवैया, कवित्त, कवि परिचय 2. व्याकरण : अनुच्छेद लेखन 1. अपने बारे में लिखें (बायोडाटा)
<ul style="list-style-type: none"> <li>परियोजना कार्य (Term-II)</li> <li>पोर्टफोलियो</li> </ul>	3. कहानी : मानवीय करुणा की दिव्य चमक 4. व्याकरण : पत्र लेखन 1. पत्र लेखन : औपचारिक पत्र, अनौपचारिक पत्र

### Subject – Bengali 2<sup>nd</sup> language (005)

#### Periodic Test –I

Full marks -40

( Periodic Assessment-5, Multiple Assessment-5, Portfolio-5, Subject Enrichment-5 )

Name of the book	Chapter No. And Name
साहित्य सञ्चयन	ज्ञानचक्षु (आशापूर्णा देवी) तिन पाहाड़ेर कोले (शक्ति चट्टोपाध्याय)
गङ्गागुच्छ	पोस्टमास्टर
सरस्वती बांग्ला व्याकरण ओ रचना	व्यङ्गनसक्ति, समास (द्वन्द्व, कर्मधारय), अनुच्छेद रचना



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**Mock Test**  
marks -80

**Full**

Name of the book	Chapter No. And Name
সাহিত্য সঞ্চয়ন	জ্ঞানচক্ষু (আশাপূর্ণা দেবী) তিন পাহাড়ের কোলে (শক্তি চট্টোপাধ্যায়) আলো বাবু (বনফুল)
গল্পগুচ্ছ	কাবুলিওয়ালা
সরস্বতী বাংলা ব্যাকরণ ও রচনা	ব্যঞ্জনসন্ধি ও বিসর্গসন্ধি সমাস(কর্মধারায়,অব্যয়ীভাব)



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**Periodic Test –II****Full marks -40****(Periodic Assessment-5, Multiple Assessment-5, Portfolio-5, Subject Enrichment-5 )**

Name of the book	Chapter No. And Name
সাহিত্য সঞ্চয়ন	আলো বাবু (বনফুল) আয় আরো বেঁধে বেঁধে থাকি (শঙ্খ ঘোষ) বহুরূপী (সুবোধ ঘোষ)
গল্পগুচ্ছ	দানপ্রতিদান
সরস্বতী বাংলা ব্যাকরণ ও রচনা	সমাস(কর্মধারয় সমাস,দ্বন্দ্ব, অব্যয়ীভাব সমাস) , বাক্যের রূপান্তর সাধন

**Periodic Test –III****Full marks -40****Periodic Assessment-5, Multiple Assessment-5, Portfolio-5, Subject Enrichment-5**

Name of the book	Chapter No. And Name
সাহিত্য সঞ্চয়ন	অদলবদল (পান্নালাল প্যাটেল) একাকারে (সুভাষ মুখোপাধ্যায়ের)



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গল্পগুচ্ছ	পোস্টমাস্টার, কাবুলিওয়ালা
সরস্বতী বাংলা ব্যাকরণ ও রচনা	সাধু চলিত ভাষা, পত্র লিখন, অনুচ্ছেদ লিখন

**Pre –Board examination**

**Full marks -80**

Name of the book	Chapter No. And Name
সাহিত্য সঞ্চয়ন	<p>অদলবদল (পান্নালাল প্যাটেল) একাকারে (সুভাষ মুখোপাধ্যায়ের) বহুরূপী (সুবোধ ঘোষ) জ্ঞানচক্ষু (আশাপূর্ণা দেবী) তিন পাহাড়ের কোলে (শক্তি চট্টোপাধ্যায়) আয় আরো বেঁধে বেঁধে থাকি (শঙ্খ ঘোষ) আলো বাবু (বনফুল) অস্ত্রের বিরুদ্ধে গান</p>



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	(জয় গোস্বামী)
গল্পগুচ্ছ	দানপ্রতিদান, পোস্ট মাস্টার, কাবুলিওয়ালা
সরস্বতী বাংলা ব্যাকরণ ও রচনা	<p>সমাস(দ্বন্দ্ব, কর্মধারয় সমাস, অব্যয়ীভাব সমাস)</p> <p>বাক্যের রূপান্তর সাধন</p> <p>সাধু চলিত রীতি</p> <p>ব্যঞ্জনসন্ধি, বিসর্গ সন্ধি</p> <p>পত্রলিখন, অনুচ্ছেদ লিখন</p>





**Subject – MATHEMATICS(041& 241)**

Periodic Test –I

Full marks -20

**Periodic Assessment-5, Multiple Assessment-5, Portfolio-5, Subject Enrichment-5**

Name of the book	Chapter No. And Name
<b>NCERT Mathematics for class x</b>	Chapter-1. Real Number Chapter-2. Polynomials Chapter 3- Pair of Linear Equations in Two Variables Chapter 4-Quadratic Equations Chapter 7- Co-ordinate Geometry
<b>R.D.SHARMA</b>	Chapter1- Real number Chapter2- Polynomia Chapter 3- Pair of Linear Equations quations in Two Variables Chapter 4- Quadratic Equations
<b>MATH ACTIVITY MANUAL</b>	Chapter 6 -Co-ordinate Geometry Unit 1(Number System), unit 2(Algebra)

Mock Test

Full marks -80

Name of the book	Chapter No. And Name
<b>NCERT Mathematics for class x</b>	Chapter-1. Real Number Chapter-2. Polynomials Chapter-3. Pair of linear Equation in two variables Chapter 4- Quadratic Equations Chapter 5-Arithmetic Progression Chapter 6-Triangle Chapter 7- Co-ordinate Geometry
<b>R . D. SHARMA</b>	Chapter-1. Real Number Chapter-2. Polynomials



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<b>MATH ACTIVITY MANUAL</b>	Chapter-3. Pair of linear Equation in two variables Chapter 4 - Quadratic Equations Chapter 5-Arithmetic Progression Chapter 6- Co-ordinate Geometry Chapter 7- Triangles Unit 3(Geometry)
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#### Projects–

- 1) Preparation of project files on : The Great Indian Mathematician Ramanujan and Ramanujan Number .

OR

- 2)Preparation of project files on : Chronology of Indian Mathematicians with their contributions.

#### Periodic Test-II

Full marks -20

Periodic Assessment-5, Multiple Assessment-5, Portfolio-5, Subject Enrichment-5

Name of the book	Chapter No. And Name
<b>NCERT Mathematics for class x</b>	Chapter 10- Circles Chapter 11- Construction Chapter 8- Introduction to Trigonometry Chapter 9- Application of trigonometry
<b>R.D.SHARMA</b>	Chapter 8- Circle Chapter 9- Construction Chapter 10- Trigonometric Ratio Chapter 11- Trigonometric Identities Chapter 12- Heights and Distances
<b>MATH ACTIVITY MANUAL</b>	Unit 4(Trigonometry)



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**Periodic Assessment-5, Multiple Assessment-5, Portfolio-5, Subject Enrichment-5**

Name of the book	Chapter No. And Name
<b>NCERT Mathematics for class x</b>	Chapter 11- Construction Chapter 12-Area related to circle Chapter 14-Surface area and volume Chapter14- Statistic Chapter 15- Probability
<b>R.D. SHARMA</b>	Chapter 9- Construction Chapter 13-Area related to circle Chapter 13-Surface area and volume Chapter15- Statistic Chapter 16- Probability
<b>MATH ACTIVITY MANUAL</b>	Unit v(Probability), unit vi(Mensuration)

Name of the book	Chapter No. And Name
<b>NCERT Mathematics for class x</b>	Chapter-1. Real Number Chapter-2. Polynomials Chapter-3. Pair of linear Equation in two variables Chapter-4. Quadratic Equations Chapter-5. Arithmetic progressions Chapter-6. Triangles Chapter-7. Coordinate Geometry Chapter-8. Introduction to Trigonometry



	Chapter-10. Circles Chapter-11. Constructions Chapter-12. Area related to Circles Chapter-13. Surface areas and Volumes Chapter-14. Statistics Chapter-15. Probability
<b>R.D.SHARMA</b>	Chapter-1. Real Number Chapter-2. Polynomials Chapter-3. Pair of linear Equation in two variables Chapter-4. Quadratic Equations Chapter-5. Arithmetic progressions Chapter-6. Coordinate Geometry Chapter-7. Triangles Chapter-8. Circles Chapter-9. Constructions Chapter-10. Trigonometric ratio Chapter-11. Trigonometric identities Chapter-12. Height and Distance Chapter-13. Area related to Circles Chapter-14. Surface areas and Volumes Chapter-15. Statistics Chapter-16. Probability

Projects- Preparation of project files on:

1)APPLICATION AND SIGNIFICANCE OF TRIGONOMETRY

2.APPLICATION OF STATISTIC IN EVERYDAY LIFE



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## SUBJECT – SCIENCE (086)

### Periodic Test –I

Full marks -20

( Periodic assessment -5, Portfolio-5, Multiple assessment -5, Subject Enrichment activities -5)

Name of the book	Chapter No. And Name
NCERT SCIENCE BOOK  And  PHYSICS ,CHEMISTRY, BIOLOGY BOOKS ( S.CHAND SCHOOL)	1. Acids ,Bases and salts 2. Life Processes 3. Light -Reflection and Refraction 4. Human Eye and colourful World
Activity	<b><u>Practicals:</u></b> 1. Ph Of Samples. 2. preparing a temporary mount of a peel to show stomata. 3. Experimentally Show That Carbon Dioxide Is Given Out During Respiration 4. Determination Of Focal Length Of Concave Mirror And Concave lens. 5. Tracing Path Of A Ray Of Light Passing Through A Glass slab. 6. Tracing The Path Of The Rays Of Light Through A Glass Prism. <b><u>Portfolio</u></b> Preparation of chart on Light reflection and Refraction

### Mock Test.

Full Marks–80

Name of the book	Chapter No. And Name
NCERT SCIENCE BOOK  AND  PHYSICS ,CHEMISTRY, BIOLOGY BOOKS ( S.CHAND SCHOOL)	1. Chemical Reactions and Chemical Reactions 2. Acids, Bases and Salts 3. Metals and Non- Metals 4. Life processes 5. Control and Co-ordination 6. Light - Reflection and Refraction 7. Human Eye and the Colourful World



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	8. Sources of Energy
ACTIVITIES	<u>Practical :</u> <ol style="list-style-type: none"> <li>Types Of Reactions -Experiment</li> <li>Determination Of Focal Length Of Concave Mirror And Concave lens.</li> <li>Observation of action of Zn,Fe, Cu,and Al metals on the following salt solution.</li> </ol>

**\*SCIENCE PROJECT : 1. PHOTOSYNTHESIS**

**OR**

**2.CHARACTERISTICS OF ACID , BASE**

Periodic Test –II

Full marks -20.

Periodic assessment -5, Portfolio-5, Multiple assessment -5, Subject Enrichment activities -5,

Name of the book	Chapter No. And Name
NCERT SCIENCE BOOK  AND  PHYSICS ,CHEMISTRY, BIOLOGY BOOKS ( S.CHAND SCHOOL)	<ol style="list-style-type: none"> <li>Carbon and it's Compounds</li> <li>Electricity</li> <li>Reproduction</li> <li>Our Environment</li> </ol>
ACTIVITIES	<u>Practicals:</u> <ol style="list-style-type: none"> <li>study of properties of acetic acid</li> <li>Study The Comparative Cleaning Capacity Of A Sample Of Soap In Soft And Hard Water</li> <li>Studying Binary Fission In Amoeba And Budding In Yeast With The Help Of Prepared Slide</li> </ol> <u>Portfolio:</u> Preparation of chart on Electricity/ Carbon and it's compounds

Periodic Test –III

Full marks -20

Periodic assessment -5, Portfolio-5, Multiple assessment -5, Subject Enrichment activities -5,

Name of the book	Chapter No. And Name
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NCERT SCIENCE BOOK AND PHYSICS ,CHEMISTRY, BIOLOGY BOOKS ( S.CHAND SCHOOL)	<ol style="list-style-type: none"> <li>1. Magnetic Effect of Current</li> <li>2. Heredity and Evaluation</li> <li>3. Management of National Resources</li> <li>4. Periodic Classification of Elements</li> </ol>
ACTIVITIES	<p><b><u>Practicals:</u></b></p> <ol style="list-style-type: none"> <li>1. Identification Of The Different Parts Of An Embryo Of A Dicot Seed</li> <li>2. Dependence Of Potential Difference Across A Resistor On Current With Graph</li> <li>3. To Determine Equivalent Resistance Of Resistors When Connected In Series And In Parallel</li> </ol>

Pre- board Examination

Full marks -80

Name of the book	Chapter No. And Name
NCERT SCIENCE BOOK  AND  PHYSICS ,CHEMISTRY, BIOLOGY BOOKS ( VIVA EDUCATION)	Chapter 1: Chemical Reactions and Equations Chapter 2: Acids, Bases and Salts Chapter 3: Metals and Non-metals Chapter 4: Carbon and its Compounds Chapter 5: Life Processes Chapter 6: Control and Coordination Chapter 7: How do Organisms Reproduce? Chapter 8: Heredity Chapter 9: Light – Reflection and Refraction Chapter 10: The Human Eye and the Colourful World Chapter 11: Electricity Chapter 12: Magnetic Effects of Electric Current Chapter 13: Our Environment <b>SCIENCE PROJECT : 1. ECOSYSTEM AND IT'S COMPONET</b>



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**Subject –Social Science (087)**

**Periodic Test –I**

**Full marks -20**

**Periodic Assessment-5, Multiple Assessment-5, Portfolio-5, Subject Enrichment-5**

Name of the book	Chapter No. And Name
India and the Contemporary World –I (HISTORY)	<p><b><i>Section 1: Events and Processes</i></b></p> <p><b>1. The Rise of Nationalism in Europe</b></p> <ul style="list-style-type: none"><li>• The French Revolution and the Idea of the Nation</li><li>• The Making of Nationalism in Europe</li><li>• The Age of Revolutions: 1830-1848</li><li>• The Making of Germany and Italy</li><li>• Visualizing the Nation</li><li>• Nationalism and Imperialism</li></ul>
Contemporary India –I (GEOGRAPHY)	<p><b>1. Resources and Development</b></p> <ul style="list-style-type: none"><li>• Types of Resources</li><li>• Development of Resources</li><li>• Resource Planning in India</li><li>• Land Resources</li><li>• Land Utilization</li><li>• Land Use Pattern in India</li><li>• Land Degradation and Conservation Measures</li><li>• Soil as a Resource</li><li>• Classification of Soils</li><li>• Soil Erosion and Soil Conservation</li></ul>





	<p><b>2. Forest and Wildlife</b></p> <ul style="list-style-type: none"> <li>• Biodiversity or Biological Diversity</li> <li>• Flora and Fauna in India</li> <li>• Vanishing Forests</li> <li>• Asiatic Cheetah: Where did they go?</li> <li>• The Himalayan Yew in trouble</li> <li>• Conservation of forest and wildlife in India</li> <li>• Project Tiger</li> <li>• Types and distribution of forests and wildlife resources</li> <li>• Community and Conservation</li> </ul>
Democratic Politics –I ( POLITICAL SCIENCE)	<p><b>1. Power Sharing</b></p> <ul style="list-style-type: none"> <li>• Case Studies of Belgium and Sri Lanka</li> <li>• Why power sharing is desirable?</li> <li>• Forms of Power Sharing</li> </ul> <p><b>2. Federalism</b></p> <ul style="list-style-type: none"> <li>• What is Federalism?</li> <li>• What make India a Federal Country?</li> <li>• How is Federalism practiced?</li> <li>• Decentralization in India</li> </ul>



Economics	<p><b>1. Development</b></p> <ul style="list-style-type: none"> <li>• What Development Promises - Different people different goals</li> <li>• Income and other goals</li> <li>• National Development</li> <li>• How to compare different countries or states?</li> <li>• Income and other criteria</li> <li>• Public Facilities</li> <li>• Sustainability of development</li> </ul>
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### Mock Test

Full marks -80

Name of the book	Chapter No. And Name
India and the Contemporary World –I (HISTORY)	<p><b><i>Section 1: Events and Processes</i></b></p> <p><b>1. The Rise of Nationalism in Europe</b></p> <ul style="list-style-type: none"> <li>• The French Revolution and the Idea of the Nation</li> <li>• The Making of Nationalism in Europe</li> <li>• The Age of Revolutions: 1830-1848</li> <li>• The Making of Germany and Italy</li> <li>• Visualizing the Nation</li> <li>• Nationalism and Imperialism</li> </ul> <p><b>2. Nationalism in India</b></p> <ul style="list-style-type: none"> <li>• The First World War, Khilafat and Non - Cooperation</li> <li>• Differing Strands within the Movement</li> <li>• Towards Civil Disobedience</li> <li>• The Sense of Collective Belonging</li> </ul>
Contemporary India –I (GEOGRAPHY)	<p><b>3. Water Resources</b></p> <ul style="list-style-type: none"> <li>• Water Scarcity and The Need for Water Conservation and Management</li> <li>• Multi-Purpose River Projects and Integrated Water Resources Management</li> <li>• Rainwater Harvesting</li> </ul>



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	<p><b>4. Agriculture</b></p> <ul style="list-style-type: none"> <li>• Types of farming</li> <li>• Cropping Pattern</li> <li>• Major Crops</li> <li>• Technological and Institutional Reforms</li> <li>• Impact of Globalization on Agriculture</li> </ul>
<p><b>Democratic Politics –I ( POLITICAL SCIENCE)</b></p>	<p><b>1. Power Sharing</b></p> <ul style="list-style-type: none"> <li>• Case Studies of Belgium and Sri Lanka</li> <li>• Why power sharing is desirable?</li> <li>• Forms of Power Sharing</li> </ul> <p><b>2. Federalism</b></p> <ul style="list-style-type: none"> <li>• What is Federalism?</li> <li>• What make India a Federal Country?</li> <li>• How is Federalism practiced?</li> <li>• Decentralization in India</li> </ul>
<p><b>Economics</b></p>	<p><b>1. Development</b></p> <ul style="list-style-type: none"> <li>• What Development Promises - Different people different goals</li> <li>• Income and other goals</li> <li>• National Development</li> <li>• How to compare different countries or states?</li> <li>• Income and other criteria</li> <li>• Public Facilities</li> <li>• Sustainability of development</li> </ul>



	<b>2. Sectors of the Indian Economy</b> <ul style="list-style-type: none"> <li>• Sectors of Economic Activities</li> <li>• Comparing the three sectors</li> <li>• Primary, Secondary and Tertiary Sectors in India</li> <li>• Division of sectors as organized and unorganized</li> <li>• Sectors in terms of ownership: Public and Private Sectors</li> </ul>
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**Periodic Test –II**

**Full marks -20**

**Periodic Assessment-5, Multiple Assessment-5, Portfolio-5, Subject**

**Enrichment-5**

<b>Name of the book</b>	<b>Chapter No. And Name</b>
<b>India and the Contemporary World –I (HISTORY)</b>	<p><b><i>Section 2: Livelihoods, Economies and Societies:</i></b> Any one theme of the following:</p> <p><b>3. The Making of a Global World</b></p> <ul style="list-style-type: none"> <li>• The Pre-modern world</li> <li>• The Nineteenth Century (1815-1914)</li> <li>• The Inter war Economy</li> <li>• Rebuilding a World Economy: The Post-War Era</li> </ul> <p><b>4. The Age of Industrialization</b></p> <ul style="list-style-type: none"> <li>• Before the Industrial Revolution</li> <li>• Hand Labour and Steam Power</li> <li>• Industrialization in the colonies</li> <li>• Factories Come Up</li> <li>• The Peculiarities of Industrial Growth</li> <li>• Market for Goods</li> </ul>
<b>Contemporary India –I (GEOGRAPHY)</b>	



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	<b>5. Minerals and Energy Resources</b> <ul style="list-style-type: none"> <li>• What is a mineral?</li> <li>• Mode of occurrence of Minerals</li> <li>• Ferrous and Non-Ferrous Minerals</li> <li>• Non-Metallic Minerals</li> <li>• Rock Minerals</li> <li>• Conservation of Minerals</li> <li>• Energy Resources</li> <li>• Conventional and Non-Conventional</li> <li>• Conservation of Energy Resources</li> </ul>
<b>Democratic Politics –I ( POLITICAL SCIENCE)</b>	<b>4. Gender, Religion and Caste</b> <ul style="list-style-type: none"> <li>• Gender and Politics</li> <li>• Religion, Communalism and Politics</li> <li>• Caste and Politics</li> </ul>
<b>Economics</b>	<b>3. Money and Credit</b> <ul style="list-style-type: none"> <li>• Money as a medium of exchange</li> <li>• Modern forms of money</li> <li>• Loan activities of Banks</li> <li>• Two different credit situations</li> <li>• Terms of credit</li> <li>• Formal sector credit in India</li> <li>• Self Help Groups for the Poor</li> </ul>

**Periodic Test –III**

**Full marks -20**

**Periodic Assessment-5, Multiple Assessment-5, Portfolio-5, Subject**

**Enrichment-5**



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Name of the book	Chapter No. And Name
<b>India and the Contemporary World –I (HISTORY)</b>	<p><i>Section 3: Everyday Life, Culture and Politics</i></p> <p><b>5. Print Culture and the Modern World</b></p> <ul style="list-style-type: none"> <li>• The First Printed Books</li> <li>• Print Comes to Europe</li> <li>• The Print Revolution and its Impact</li> <li>• The Reading Mania</li> <li>• The Nineteenth Century</li> <li>• India and the World of Print</li> <li>• Religious Reform and Public Debates</li> <li>• New Forms of Publication</li> <li>• Print and Censorship</li> </ul>
<b>Contemporary India –I (GEOGRAPHY)</b>	<p><b>6. Manufacturing Industries</b></p> <ul style="list-style-type: none"> <li>• Importance of manufacturing</li> <li>• Contribution of Industry to National Economy</li> <li>• Industrial Location</li> <li>• Classification of Industries</li> <li>• Spatial distribution <ul style="list-style-type: none"> <li>• Industrial pollution and environmental degradation</li> <li>• Control of Environmental Degradation</li> </ul> </li> </ul>



<p><b>Democratic Politics –I ( POLITICAL SCIENCE)</b></p>	<p><b>6. Political Parties</b></p> <ul style="list-style-type: none"> <li>• Why do we need Political Parties?</li> <li>• How many Parties should we have?</li> <li>• National Political Parties</li> <li>• State Parties</li> <li>• Challenges to Political Parties</li> <li>• How can Parties be reformed?</li> </ul> <p><b>7. Outcomes of Democracy</b></p> <ul style="list-style-type: none"> <li>• How do we assess democracy's outcomes?</li> <li>• Accountable, responsive and legitimate government</li> <li>• Economic growth and development</li> <li>• Reduction of inequality and poverty</li> <li>• Accommodation of social diversity</li> <li>• Dignity and freedom of the citizens</li> </ul>
<p><b>Economics</b></p>	<p><b>4. Globalization and the Indian Economy</b></p> <ul style="list-style-type: none"> <li>• Production across countries</li> <li>• Interlinking production across countries</li> <li>• Foreign Trade and integration of markets</li> <li>• What is globalization?</li> </ul> <p><b>5. Consumer Rights</b></p> <p><i>Note: Chapter 5 'Consumer Rights' to be done as Project Work.</i></p>



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**Pre –Board examination**

**Full marks -80**

<b>Name of the book</b>	<b>Chapter No. And Name</b>
<b>India and the Contemporary World –I (HISTORY)</b>	1. The Rise of Nationalism in Europe 2. Nationalism in India 3. The Making of a Global World 5. Print Culture and the Modern World
<b>Contemporary India –I (GEOGRAPHY)</b>	1. Resources and Development 2. Forest and wildlife resources 3. Water resources 4. Agriculture 5. Minerals and Energy Resources 6. Manufacturing Industries 7. Life Lines of National Economy (Maps Only,)
<b>Democratic Politics –I ( POLITICAL SCIENCE)</b>	1. Power Sharing 2. Federalism 3. Gender religion and caste 4. Political Parties 5. Outcomes of Democracy
<b>Economics</b>	1. Development 2. Sectors of the Indian Economy 3. Money and Credit 4. Globalization and the Indian Economy



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**Subject –Information Technology (402)**

**Class –X**

**Periodic Test –I**

**Full marks -20**

<b>Name of the book</b>	<b>Chapter No. And Name</b>
<b>INFORMATION TECHNOLOGY – VOCATIONAL</b>	<b>Part -A Employability skills</b> <b>Unit 1 - Communication Cycle</b> Chapter 1 –Methods of Communication Chapter 2- communication cycle Chapter 3- communication barriers Chapter 4- Effective Communication Chapter 5- Basic writing skills <b>Part -B Subject Skills</b> <b>Unit 1 Digital Documentation</b> Chapter 1 Applying styles in a documents Chapter 2 - Adding graphics in a documents Chapter 3- working with templates Chapter 4- using a table of contents Chapter 5- using mail merge

**Mock Test**

**Full marks -100**

**Theory -50, Practical-50**

<b>Name of the book</b>	<b>Chapter No. And Name</b>
<b>INFORMATION TECHNOLOGY – VOCATIONAL</b>	<b>Part -A Employability skills</b> <b>Unit 1 - Communication Cycle</b> Chapter 1 –Methods of Communication Chapter 2- communication cycle Chapter 3- communication barriers Chapter 4- Effective Communication Chapter 5- Basic writing skills <b>Unit 2. Self management skills</b> Chapter 5 - stress management and its techniques Chapter 6- ability to work independently <b>Part -B Subject Skills</b> <b>Unit 1 Digital Documentation</b>



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	<p>Chapter 1 Applying styles in a documents</p> <p>Chapter 2 - Adding graphics in a documents</p> <p>Chapter 3- working with templates</p> <p>Chapter 4- using a table of contents</p> <p>Chapter 5- using mail merge</p> <p><b>Unit 2 Electronic Spreadsheet</b></p> <p>Chapter 6. Analysis data in a spreadsheet</p> <p>Chapter 7 Linking data in a spreadsheet</p> <p>Chapter 8 Sharing and reviewing a spreadsheet</p> <p>Chapter 9 Using macros in a spreadsheet</p> <p><b>Part – C Practical Work</b></p> <ul style="list-style-type: none"> <li>● Use the mail merge feature to invite various schools for participation in Inter school participation.</li> <li>● Design a poster for a Summer Camp.</li> </ul> <p><b>Part – D Project Work (File)</b></p> <ul style="list-style-type: none"> <li>● Design a poster on Global warming.</li> <li>● Write and article on the topic-“ How is digital learning changing school education?”</li> </ul>
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**Periodic Test –II**

**Full marks -20**

**Written -10, Subject Enrichment-5, Note Book -5**

<b>Name of the book</b>	<b>Chapter No. And Name</b>
<b>INFORMATION TECHNOLOGY – VOCATIONAL</b>	<p><b>Part -A Employability skills</b></p> <p><b>Unit 3. Information and Communication Technology Skills</b></p> <p>Chapter 8 Operating system</p> <p>Chapter 9 Managing Files and Folders</p> <p>Chapter 10 Care and Maintainance of a Computer</p> <p><b>Part -B Subject Skills</b></p> <p><b>Unit 3 Database Management System</b></p> <p>Chapter 10 Concept of Database Management System</p> <p>Chapter 11 Creating and using table</p> <p>Chapter 12 Performing operation on Tablets</p>



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	Chapter 13 Retrieving data using Queries Chapter 14 Working with Forms and Reports
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**Periodic Test –III**

**Full marks -20**

<b>Name of the book</b>	<b>Chapter No. And Name</b>
<b>INFORMATION TECHNOLOGY – VOCATIONAL</b>	<b>Part -A Employability skills</b> <b>Unit 4. Entrepreneurial Skills</b> Chapter 11 Entrepreneurs and Entrepreneurship <b>Part -B Subject Skills</b> <b>Unit 4 Web Application and Security</b> Chapter 15 Working with Accessibility options Chapter 16 Networking Fundamentals Chapter 17 Introduction to instant messaging Chapter 18 Chatting using Google Hangouts Chapter 19 creating and publishing blogs Chapter,20 using offline blog Editors



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**Pre-Board Examination**

**Full marks -100  
Theory -50, Practical-50**

<b>Name of the book</b>	<b>Chapter No. And Name</b>
<b>INFORMATION TECHNOLOGY – VOCATIONAL</b>	<b>Part -A Employability skills</b> <b>Unit 1 - Communication Cycle</b> <b>Unit 2. Self Management skills</b> <b>Unit 3. Information and Communication Technology Skills</b> <b>Unit 4. Entrepreneurial Skills</b> <b>Unit 5. Green Skills</b> Chapter 12 Sustainable development <b>Part -B Subject Skills</b> <b>Unit 1 Digital Documentation</b> <b>Unit 2 Electronic Spreadsheet</b> <b>Unit 3 Database Management System</b> <b>Unit 4 Web Application and Security</b> Chapter 21 online Transaction Chapter 22 Internet Security Chapter 23 Importance of Workplace safety Chapter 24 preventing Accident and Emergencies Chapter 25 protecting health and safety at work <b>Part – C Practical Work</b> <ul style="list-style-type: none"><li>● Create a PowerPoint Presentation.</li><li>● Use any Google Hangouts.</li></ul> <b>Part – D Project Work</b> A project on MS Excel or MS Access



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