



Syllabus

2024 - 2025

CLASS - IX

DELHI PUBLIC SCHOOL

SAIL TOWNSHIP, RANCHI

Ph. No. : 2441176, E-mail : info@dpsranchi.com

**CLASS - IX****PRESCRIBED BOOKS:**

- * Beehive- English Textbook
- * Moments-Supplementary Reader
- * Words and Expressions 1 - Workbook

Months	Working Days	Book / Area	Unit / Chapter
April	21	Beehive Moments Grammar Writing	<ul style="list-style-type: none">○ The Fun They Had○ The Sound of Music (Part I and II)○ The Road Not Taken (Poem)○ The Lost Child○ Determiners○ Diary Entry
May	08	Beehive Moments Grammar	<ul style="list-style-type: none">○ The Little Girl○ The Adventures of Toto○ Modals
June	17	Beehive Moments Writing	<ul style="list-style-type: none">○ A Truly Beautiful Mind○ Wind(poem)○ Iswaran- The Storyteller○ Factual Description-Person
July	23	Beehive Moments Grammar Writing	The Snake and the Mirror Rain on the Roof (Poem) In the Kingdom of Fools 1.Tenses Factual Description- Event
August	20	Beehive Moments Writing	<ul style="list-style-type: none">○ My Childhood○ The Lake Isle of Inn is free (Poem)○ A Legend of the Northland(Poem)○ The Happy Prince○ Story Writing
September	21		Revision for Half Yearly Examination

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Months	Working Days	Book / Area	Unit / Chapter
October	17	Beehive Moments Grammar	<ul style="list-style-type: none">○ No Men Are Foreign (poem)○ The Last Leaf○ Reported Speech▪ Commands and Requests▪ Statements▪ Questions
November	19	Beehive Writing	<ul style="list-style-type: none">○ Reach for the Top (Part I & II)○ On Killing a Tree(Poem)○ Factual Description-Situation
December	22	Beehive Moments Grammar	<ul style="list-style-type: none">○ Kathmandu○ A House Is Not a Home○ Subject- Verb Concord
January	19	Beehive Moments	<ul style="list-style-type: none">○ If I Were You○ A Slumber Did My Spirit Seal(Poem)○ The Beggar
February	19		Revision for Annual Examination

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Monday Test	Date	Portion
Monday Test - I	06/05/2024	Reading Writing Grammar Literature Beehive- - Unseen Passage - Diary Entry - Determiners(Articles) i) The Fun They Had ii) The Road Not Taken(Poem)
Monday Test - II	22/07/2024	Reading Writing Grammar Literature Beehive Moments - Unseen Passage - Factual Description - Person - Modals - i) The Little Girl - i) Iswaran-The Storyteller
Monday Test - III	28/10/2024	Reading Writing Grammar Literature Beehive Moments - Unseen Passage - Story Writing - Tenses - i) No Men Are Foreign - i) The Last Leaf
Monday Test - IV	23/12/2024	Reading Writing Grammar Literature Beehive Moments - Unseen Passage - Factual Description-Situation - Reported Speech - i) Reach for the Top (Part I & II) - ii) On Killing a Tree (Poem) - i) A House is not a Home

**CLASS - IX**

निर्धारित पुस्तकें :-

- * स्पर्श भाग - 1 (एन.सी.ई.आर.टी.)
- * संचयन भाग - 1 (एन.सी.ई.आर.टी.)
- * सरस्वती व्याकरण दर्शिका (न्यू सरस्वती हाउस प्रा. लिमिटेड)

माह	कार्य दिवस	स्पर्श भाग-1	संचयन भाग-1	व्याकरण/लेखन	अतिरिक्त विषय सामग्री
अप्रैल	21	दुःख का अधिकार	गिल्लू	अपठित गद्यांश, शब्द और पद, पत्र-लेखन (अनौपचारिक), अनुच्छेद-लेखन	पर्यायवाची शब्द
मई	08	रैदास के पद	-	अनुस्वार एवं अनुनासिक, चित्र-वर्णन	विलोम शब्द
जून	17	एवरेस्ट: मेरी शिखर यात्रा	स्मृति	उपसर्ग एवं प्रत्यय, संवाद-लेखन	अनेकार्थी शब्द
जुलाई	23	रहीम (दोहे), तुम कब जाओगे, अतिथि	-	स्वर संधि	पद-परिचय
अगस्त	20	गीत-अगीत	कल्लू कुम्हार की उनाकोटी	विराम-चिह्न, अर्थ की दृष्टि से वाक्य-भेद	मुहावरे
सितम्बर	21	अर्द्धवार्षिक परीक्षा हेतु पुनरावृत्ति	अर्द्धवार्षिक परीक्षा हेतु पुनरावृत्ति	अर्द्धवार्षिक परीक्षा हेतु पुनरावृत्ति	अर्द्धवार्षिक परीक्षा हेतु पुनरावृत्ति
अक्टूबर	17	वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकट रामन्	मेरा छोटा-सा निजी पुस्तकालय	अपठित गद्यांश	सूचना लेखन

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- * संचयन भाग - 1 (एन.सी.ई.आर.टी.)
- * सरस्वती व्याकरण दर्शिका (न्यू सरस्वती हाउस प्रा. लिमिटेड)

माह	कार्य दिवस	स्पर्श भाग-1	संचयन भाग-1	व्याकरण/लेखन	अतिरिक्त विषय सामग्री
नवम्बर	19	अग्निपथ	मेरा छोटा-सा निजी पुस्तकालय (क्रमशः)	पत्र-लेखन (अनौपचारिक), पुनरावृत्ति (शब्द एवं पद, अनुस्वार एवं अनुनासिक)	समरूपी भिन्नार्थक शब्द
दिसम्बर	22	नए इलाके में, खुशबू रचते हैं हाथ	-	अनुच्छेद-लेखन, चित्र-वर्णन, पुनरावृत्ति (उपसर्ग एवं प्रत्यय, स्वर सन्धि)	वाक्यांश के लिए शब्द
जनवरी	19	शुक्रतारे के समान	पुनरावृत्ति	पुनरावृत्ति (विराम-चिह्न, अर्थ के आधार पर वाक्य-भेद)	विज्ञापन-लेखन
फरवरी	19	वार्षिक परीक्षा हेतु पुनरावृत्ति	वार्षिक परीक्षा हेतु पुनरावृत्ति	वार्षिक परीक्षा हेतु पुनरावृत्ति	वार्षिक परीक्षा हेतु पुनरावृत्ति

(केन्द्रीय माध्यमिक शिक्षा परिषद् के आगामी निर्देशों 2024-25 के अंतर्गत परिवर्तनशील)

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- * स्पर्श भाग - 1 (एन.सी.ई.आर.टी.)
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Exam	Date	Portion
सोमवारी परीक्षा	22/04/2024	अपठित गद्यांश, दुःख का अधिकार, शब्द एवं पद, गिल्लू
सोमवारी परीक्षा	08/07/2024	अपठित गद्यांश, रैदास के पद, एवरेस्ट : मेरी शिखर यात्रा, अनुस्वार एवं अनुनासिक, उपसर्ग एवं प्रत्यय
सोमवारी परीक्षा	15/10/2024	अपठित गद्यांश, तुम कब जाओगे, अतिथि, गीत-अगीत, कल्लू कुम्हार की उनाकोटी, विराम - चिह्न, अर्थ की दृष्टि से वाक्य - भेद
सोमवारी परीक्षा	09/12/2024	अपठित गद्यांश, वैज्ञानिक चेतना के वाहक चन्द्र शेखर वेंकट रामन्, अग्निपथ, मेरा छोटा-सा निजी पुस्तकालय, स्वर संधि, उपसर्ग एवं प्रत्यय



वार्षिकपाठ्यक्रम-विवरणम्

पाठ्यपुस्कानि		शेमुषी भाग-1 एन.सी.ई.आर.टी. संस्कृत व्याकरण भाग-1 सरस्वती प्रकाशन	
माह	कार्यदिवस	विषयवस्तु	अतिरिक्त पाठ्यसामग्री
अप्रैल	21	<p>शेमुषी भाग 1 रचनाकार्यम्</p> <p>स्वरसन्धि: शब्दरूपाणि</p> <p>धातुरूपाणि</p>	<p>संस्कृत संख्या</p>
मई	08	<p>शेमुषी भाग 1 संस्कृतसंख्या</p> <p>उपपदविभक्ति:</p>	<p>अशुद्धिसंशो -नम्</p>
जून	17	<p>शेमुषी भाग 1 प्रत्ययाः</p> <p>अव्ययपदानि</p> <p>उपसर्गाः</p> <p>उपपदविभक्ति:</p>	<p>द्वन्द्व-समासः</p>

**वार्षिकपाठ्यक्रम-विवरणम्**

पाठ्यपुस्कानि		शेमुषी भाग-1 एन.सी.ई.आर.टी. संस्कृत व्याकरण भाग-1 सरस्वती प्रकाशन	
माह	कार्यदिवस	विषयवस्तु	अतिरिक्त पाठ्यसामग्री
जुलाई	23	<p>शेमुषी भाग 1 - सूक्तिमौक्तिकम्, भ्रान्तो बालश्च व्यंजनसन्धिः - जश्त्व, 'म' स्थाने अनुस्वार उपपदविभक्तिः - चतुर्थी-रूच्, दा, (यच्छ्) नमः, कुप्, स्वस्ति</p> <p>संस्कृत संख्या - 1 तः 100 पर्यन्तम् अव्ययपदानि - कालबोधकानि-यदा, तदा, सर्वदा, एकदा, पुरा, अधुना, अद्य, श्वः, ह्यः रचनाकार्यम् - पत्रलेखनम्, चित्रवर्णनम्, संस्कृतभाषायाम् अनुवादकार्यम्</p>	कतृवाच्यम्
अगस्त	20	<p>शेमुषी भाग 1 - सिकतासेतुः विसर्गसन्धिः - उत्त्वम्, रत्वम्, सत्वम् हलन्तशब्दरूपाणि - मातृ, पतृ, राजन्, भवत्, विद्वस्, गुणिन् इत्यादयः धातुरूपाणि - दा, क्री, श्रु, पा, सेव्, लभ्, इत्यादयः (पंचसु लकारेषु) उपपदविभक्तिः - पंचमी-विना, बहिः, भी, रक्ष्, ऋते</p>	
सितम्बर	21	अर्द्धवार्षिकी-परीक्षा	
अक्टूबर	17	<p>शेमुषी भाग 1 - जटायोः शौर्यम् प्रत्ययाः - ल्यप्, शतृ, शानच् क्त उपपदविभक्तिः - षष्ठी-उपरि, अधः, पुरतः पृष्ठतः, निर्धारणे</p>	कर्मवाच्यम्

**वार्षिकपाठ्यक्रम-विवरणम्**

पाठ्यपुस्कानि		श्रेमुषी भाग-1 एन.सी.ई.आर.टी. संस्कृत व्याकरण भाग-1 सरस्वती प्रकाशन	
माह	कार्यदिवस	विषयवस्तु	अतिरिक्त पाठ्यसामग्री
नवम्बर	19	श्रेमुषी भाग 1 - पर्यावरणम् उपपदविभक्तिः - सप्तमी-स्निह, निपुण, विश्वस्, पटु शब्दरूपाणि - तत्, इदम्, किम्, (त्रिषु लिंगेषु) धातुरूपाणि - पठ्, गम्, वद्, भू, कीड्, नी, दृश्, शक्, ज्ञा, कृ, (पंच-लकारेषु)	भाववाच्यम्
दिसम्बर	22	श्रेमुषी भाग 1 - वांगमनः प्राणस्वरूपम् उपसर्गाः - वि, आङ्, नि, अधि, अपि, अति, सु, उत्, अभि, परि, उप अव्ययपदानि - प्रश्नबोधकानि-किम्, कुत्र, कति, कदा, कुतः, कथम्, किमर्थम्	अव्ययीभाव समासः
जनवरी	19	रचनाकार्यम् - संस्कृतभाषायाम् अनुवादकार्यम् अथवा अनुच्छेदलेखनम् अव्ययपदानि - अन्यानि-च, अपि, तर्हि, यथा, तथा, सम्यक्, एव	
फरवरी	19	पुनरावृत्तिः - समस्त पाठों की पुनरावृत्ति एवं वार्षिकपरीक्षा का अदर्शाभ्यास	
मार्च	10	वार्षिकपरीक्षा	

**सोमवारीय-परीक्षा-पाठ्यक्रम-विवरण्**

परीक्षा	दिनांक	निर्धारित-पाठ्यक्रमः
सोमवारी परीक्षा-1	22/04/2024	शेमुषी 1 - भारतीवसन्तगीतिः। रचनाकार्यम् - संस्कृत भाषायाम्, अनुवादकार्यम्। व्याकरण् - स्वरसन्धिः, शब्दरूपाणि, धातुरूपाणि च।
सोमवारी परीक्षा-2	08/07/2024	शेमुषी 1 - स्वर्णकाकः, गोदोहनम् च। रचनाकार्यम् - अपठितगद्यांश, चित्रवर्णनम्, अनुवादकार्यम्। व्याकरण् - संस्कृतसंख्या, प्रत्ययाः, अव्ययपदानि, उपसर्गाः, उपपदविभक्तिः द्वितीया तृतीया च।
सोमवारी परीक्षा-3	14/10/2024	शेमुषी 1 - सूक्तिमौक्तिकम्, भ्रान्तो बालः, सिकासेतुश्च। रचनाकार्यम् - अनुवादकार्यम्, चित्रवर्णनम्, अनुच्छेदलेखनम् च। व्याकरण् - व्यंजनसन्धिः, विसर्गसन्धिः, संख्या, शब्दरूपाणि, धातुरूपाणि, अव्ययपदानि, उपपदविभक्तिः, चतुर्थी पंचमी च।
सोमवारी परीक्षा-4	09/12/2024	शेमुषी 1 - जटायोः शौर्यम्, पर्यावरणम्। रचनाकार्यम् - अनुवादकार्यम्, चित्रवर्णनम्, अनुच्छेदलेखनम् च। व्याकरण् - उपपदविभक्तिः षष्ठी सप्तमी च।

**CLASS - IX****PRESCRIBED BOOKS: ENTRE JEUNE****PRACTICE BOOKS : SETRITE**

Months	Working Days	Lecon	Grammaire
Avril	21	1. La Famille 2. Au Lycée	Verbes en – er Les articles défini et indéfini Les pays et les nationalité Adjectif possessif Adjectif demonstratif Verbes en – IR Les preposition
Mai	08	3. Une journée de pauline	Les articles contractes , verbes pronominaux, les verbes en RE
Juin	17	4. Les saisons	Le futur simple, le futur proche, l'imperatif, les couleurs,
Juillet	23	5. Les voyages 6. Les loisir et les sports	Vacances , moyens de trans port, la rentree, les verbes pronominaux, passe compose
Aout	20	6. Les loisir et les sports 7. L'argent de poche	L'imparfait, negation,COI,COD,adjectifs interrogatif
Septembre	21	Revision 1st Semester Exam	
Octobre	17	8. Faire des achats	
Novembre	19	9. Un dîner en famille	Les pronoms y et en, le passe recent, adjectif et pronom interrogatif

**CLASS - IX****PRESCRIBED BOOKS: ENTRE JEUNE****PRACTICE BOOKS : SETRITE**

Months	Working Days	Lecon	Grammaire
Decembre	22	10. La mode 11. Fêtes religieuses	Le comparatif, Le superlatif, le pronom tonique, conditionnel present, relatif simple
Janvier	19	12. Les pays francophone	La recapulilation generale
Fevrier		Annual Exam	

Monday Test	Date	Portion
Monday Test - 1	22/04/2024	Ch. 1
Monday Test - 2	08/07/2024	Ch. 2, 3
Monday Test - 3	14/10/2024	Ch. 6, 7
Monday Test - 4	09/12/2024	Ch. 8

**CLASS - IX****PRESCRIBED BOOKS: BESTE FREUNDE B-1.1**

Months	Working Days	L. No.	Situation/ Topic	Speech Intention	Structure
April / May	21+08	01	<ul style="list-style-type: none"> ▪ Celebration 	<ul style="list-style-type: none"> ▪ To talk about future plans ▪ To allocate responsibilities ▪ To give a suggestion ▪ To accept and decline a proposal 	Subordinate clause“ wenn” “zu” + Infinitive “brauchen” +...+ “zu” + Infinitive Preposition of time “während” + Genitive
June / July	17+23	02	Shopping and consumption	<ul style="list-style-type: none"> ▪ To follow a timeline and describe an event. ▪ To give reasons for one's actions and decisions 	<ul style="list-style-type: none"> ▪ Subordinate clause “um...zu” ▪ Subordinate clause “damit”
August	20	03	Feelings and relationships	<ul style="list-style-type: none"> ▪ To ask for someone's opinion and give one's own opinion. ▪ To agree or disagree 	<ul style="list-style-type: none"> ▪ Question word “Wo(r)” + Preposition ▪ Pronouns “da(r)” + Preposition
September	21		Revision for Half Yearly Examination & Half Yearly Examination		
October	17	03	Feelings and relationships	<ul style="list-style-type: none"> ▪ To talk about what one would do in a particular situation 	<ul style="list-style-type: none"> ▪ Subjunctive II: “würde” + Infinitive ▪ Articles and Nouns in Genitive

**CLASS - IX****PRESCRIBED BOOKS: BESTE FREUNDE B-1.1**

Months	Working Days	L. No.	Situation/ Topic	Speech Intention	Structure
November	16	04	<ul style="list-style-type: none"> ▪ Hamburg: ▪ A city tour 	<ul style="list-style-type: none"> ▪ To give a suggestion ▪ To give chronological sequence of events ▪ To talk about activities happening simultaneously 	<ul style="list-style-type: none"> ▪ Subjunctive II: "sollen" ▪ Subordinate clauses of time ▪ "während", "bevor"
December	21	05	<ul style="list-style-type: none"> ▪ Relationships and conflicts 	<ul style="list-style-type: none"> ▪ To give reasons ▪ To express likes and dislikes ▪ To lay down restrictions 	<ul style="list-style-type: none"> ▪ Causal preposition "wegen" + Genitive ▪ Double barrel conjunction: "zwar...aber" ▪ Relative clause: relative pronouns in Nominative, Accusative and Dative
January	20		<ul style="list-style-type: none"> ▪ Revision for Annual Examination 		
February	21		<ul style="list-style-type: none"> ▪ Annual Examination 		

Monday Test	Date	Portion
Monday Test - 1	22/04/2024	Ch. 1
Monday Test - 2	08/07/2024	Ch. 2
Monday Test - 3	14/10/2024	Ch. 3
Monday Test - 4	09/12/2024	Ch. 4

**CLASS - IX****PRESCRIBED BOOKS: AULA INTERNACIONAL - 1**

Mes	Lección	Número de días laborables	Recursos Comunicativos	Gramática
April	Lección-1 'Nosotros'	21	<ul style="list-style-type: none"> ▪ *Dar y pedir los datos personales ▪ Saludar y despedirse ▪ Recursos 	<ul style="list-style-type: none"> ▪ *el género ▪ *Las tres conjugaciones: ar,er,ir ▪ *Los verbos ser, llamarse y tener
May/ June	Lección-2 'Quiero Aprender Español'	08+17	<ul style="list-style-type: none"> ▪ Expresar intenciones ▪ Explicar los motivos de lo que hacemos ▪ Hablar de lo sabemos hacer en distintos idiomas 	<ul style="list-style-type: none"> ▪ el presente de indicativo ▪ algunos usos de a,con,de,por, Para y porque ▪ el artículo determinado: el, la, los, las ▪ los pronombres personales de sujeto graduar: bien, bastante bien ...
July	Lección-3 '¿Dónde está Santiago? Lección-4 '¿Cuál prefieres?'	23	<ul style="list-style-type: none"> ▪ *Describir lugares ▪ *Expresar existencia y ubicación ▪ *hablar del clima ▪ ▪ ▪ *Identificar objetos ▪ *Expresar necesidad ▪ *Comprar en tiendas: preguntar por productos 	<ul style="list-style-type: none"> ▪ algunos usos de hay ▪ el verbo estar ▪ el superlativo ▪ un/una/unos/unas ▪ cuantificadores: muy, mucho/mucha/ muchos.. ▪ Los demostrativos: este/esta/estos/ estas,esto ▪ el/la/los/ las + adjetivo ▪ qué + sustantivo, cuál / cuáles ▪ tener que + infinitivo ▪ el verbo ir ▪ el verbo preferir

**CLASS - IX****PRESCRIBED BOOKS: AULA INTERNACIONAL - 1**

Mes	Lección	Número de días laborables	Recursos Comunicativos	Gramática
August	Lección-5 'Tus amigos son mis amigos'	20	<ul style="list-style-type: none"> ▪ Hablar del aspecto y del carácter ▪ Preguntar sobre gustos 	<ul style="list-style-type: none"> ▪ el verbo gustar ▪ Los cuantificadores ▪ Los posesivos ▪ tambien/ tampoco
September	Revision & half yearly exam	21	Revision & half yearly exam	Revision & half yearly exam
October	Lección-6 'Día a Día'	17	<ul style="list-style-type: none"> ▪ Hablar de hábitos ▪ Expresar frecuencia ▪ Preguntar y decir la hora 	<ul style="list-style-type: none"> ▪ El presente de indicativo de algunos verbos irregulares ▪ Los verbos reflexivos
November	Lección-7 '¡A Comer!'	16	<ul style="list-style-type: none"> ▪ Desenvolverse en bares y restaurantes 	<ul style="list-style-type: none"> ▪ La forma impersonal con SE ▪ Los verbos poner y traer ▪ Los pronombres de OD (lo,la,los,las)
December	Lección- 8 'El Barrio Ideal'	21	<ul style="list-style-type: none"> ▪ Describir pueblos, barrios y ciudades ▪ Expresar gustos y resaltar un aspecto 	<ul style="list-style-type: none"> ▪ Cuantificadores (algún,ningún, muchos) ▪ preposiciones y adverbios de lugar (a, en, al lado de, lejos, cerca...)
January	Lección- 9 '¿Sabes Conducir?'	20	<ul style="list-style-type: none"> ▪ Hablar de experiencias pasadas ▪ Hablar de habilidades y aptitudes ▪ Hablar de cualidades y defectos de las personas 	<ul style="list-style-type: none"> ▪ El pretérito perfecto ▪ Saber + infinitivo ▪ Poder + infinitivo

**CLASS - IX****PRESCRIBED BOOKS: AULA INTERNACIONAL - 1**

Mes	Lección	Número de días laborables	Recursos Comunicativos	Gramática
February	Revision	21	Revision & Annual exam begins	Revision & Annual Exam

Monday Test	Date	Portion
Monday Test - 1	22/04/2024	Ch. 1, 2
Monday Test - 2	08/07/2024	Ch. 3, 4
Monday Test - 3	14/10/2024	Ch. 5, 6
Monday Test - 4	09/12/2024	Ch. 7, 8



Months	Working Days	Topics
April	21	<p>NUMBER SYSTEMS</p> <ul style="list-style-type: none"> ○ Review of representation of natural numbers, integers, and rational numbers on the number line. Rational numbers as recurring / terminating decimals. Operations on real numbers. ○ Examples of non - recurring / non-terminating decimals. Existence of non-rational numbers (irrational numbers) such as $\sqrt{2}, \sqrt{3}$ and their representation on the number line. Explaining that every real number is represented by a unique point on the number line and conversely, viz. every point on the number line represents a unique real number. ○ Definition of nth root of a real number. ○ Rationalization (with precise meaning) of real numbers of the type $\frac{1}{a + b\sqrt{x}}$ and $\frac{1}{\sqrt{x} + \sqrt{y}}$ (and their combination) where x and y are natural numbers and a and b are integers ○ Recall of laws of exponents with integral powers. Rational exponents with positive real bases (to be done by particular cases, allowing learner to arrive at the general laws.) <p>POLYNOMIALS</p> <ul style="list-style-type: none"> ○ Definition of a polynomial in one variable, with examples and counter examples. Coefficients of a polynomial, terms of a polynomial and zero polynomial. Degree of a polynomial. Constant, linear, quadratic and cubic polynomial. Monomials, binomials, trinomials. Factors and multiples. Zeros of a polynomial. Motivate and State the Remainder Theorem with examples. Statement and proof of the Factor Theorem. Factorization of $ax^2 + bx + c, a \neq 0$ where a, b and c are real numbers, and of cubic polynomials using the Factor Theorem. ○ Recall of algebraic expressions and identities. Verification of identities:



Months	Working Days	Topics
		$(x + y + z)^2 = x^2 + y^2 + z^2 + 2xy + 2yz + 2zx$ $(x \pm y)^3 = x^3 \pm y^3 \pm 3xy(x \pm y)$ $(x^3 \pm y^3) = (x \pm y)(x^2 \mp xy + y^2)$ $x^3 + y^3 + z^3 - 3xyz = (x + y + z)(x^2 + y^2 + z^2 - xy - yz - zx)$ <p>and their use in factorization of polynomials.</p>
May	08	COORDINATE GEOMETRY <ul style="list-style-type: none"> The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations.
June	17	***Practice Test *** LINES AND ANGLES <ul style="list-style-type: none"> (Motivate) If a ray stands on a line, then the sum of the two adjacent angles so formed is 180° and the converse. (Prove) If two lines intersect, vertically opposite angles are equal. (Motivate) Lines which are parallel to a given line are parallel.
July	23	Lines and Angles (cont.) Triangles <ul style="list-style-type: none"> (Motivate) Two triangles are congruent if any two sides and the included angle of one triangle is equal to any two sides and the included angle of the other triangle (SAS Congruence). (Prove) Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the included side of the other triangle (ASA Congruence). (Motivate) Two triangles are congruent if the three sides of one triangle are equal to three sides of the other triangle (SSS Congruence). (Motivate) Two right triangles are congruent if the hypotenuse and a side of one triangle are equal (respectively) to the hypotenuse and a side of the other triangle. (RHS Congruence) (Prove) The angles opposite to equal sides of a triangle are equal. (Motivate) The sides opposite to equal angles of a triangle are equal.



Months	Working Days	Topics
		<ul style="list-style-type: none">○ (Prove) The diagonal divides a parallelogram into two congruent triangles.○ (Motivate) In a parallelogram opposite sides are equal, and conversely.○ (Motivate) In a parallelogram opposite angles are equal, and conversely.○ (Motivate) A quadrilateral is a parallelogram if a pair of its opposite sides is parallel and equal.○ (Motivate) In a parallelogram, the diagonals bisect each other and conversely.○ (Motivate) In a triangle, the line segment joining the midpoints of any two sides is parallel to the third side and is half of it and (motivate) its converse.
August	20 Supplementary discussion	Quadrilaterals (Continued) Distance formula, section formula, area of triangle Revision
September	21	HALF YEARLY EXAM <ul style="list-style-type: none">○ Linear equations in two variables○ Recall of linear equations in one variable. Introduction to the equation in two variables. Focus on linear equations of the type $ax+by+c=0$. Explain that a linear equation in two variables has infinitely many solutions and justify their being written as ordered pairs of real numbers, plotting them and showing that they lie on a line.



Months	Working Days	Topics
October	17	Circles <ul style="list-style-type: none"> ○ (Prove) Equal chords of a circle subtend equal angles at the center and (motivate) its converse. ○ (Motivate) The perpendicular from the center of a circle to a chord bisects the chord and conversely, the line drawn through the center of a circle to bisect a chord is perpendicular to the chord ○ (Motivate) Equal chords of a circle (or of congruent circles) are equidistant from the center (or their respective centers) and conversely. ○ (Prove) The angle subtended by an arc at the center is double the angle subtended by it at any point on the remaining part of the circle. ○ (Motivate) Angles in the same segment of a circle are equal. ○ (Motivate) If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle. ○ (Motivate) The sum of either of the pair of the opposite angles of a cyclic quadrilateral is 180° and its converse.
November	19	Heron's formula <ul style="list-style-type: none"> ○ Area of a triangle using Heron's formula (without proof) Surface area and volumes <ul style="list-style-type: none"> ○ Surface areas and volumes of spheres (including hemispheres) and right circular cones.
December	22 Supplementary Discussion	Surface areas and volumes (cont.) INTRODUCTION TO EUCLID'S GEOMETRY <ul style="list-style-type: none"> ○ History - Geometry in India and Euclid's geometry. Euclid's method of formalizing observed phenomenon into rigorous Mathematics with definitions, common / obvious notions, axioms / postulates and theorems. The five postulates of Euclid. Showing the relationship between axiom and theorem, for example: ○ (Axiom) 1. Given two distinct points, there exists one and only one line through them. ○ (Theorem) 2. (Prove) Two distinct lines cannot have more than one point in common. ○ Logarithm

**CLASS - IX****PRESCRIBED BOOKS: NCERT, EXEMPLAR, RD SHARMA**

Months	Working Days	Topics
January	17	Statistics ○ Bar graphs, histograms (with varying base lengths), and frequency polygons. Revision
February	19	Annual Exam

Monday Test	Date	Portion
M.T. - 1	15/04/2024	Number Systems
M.T. - 2	01/07/2024	Polynomials, Coordinate Geometry
M.T. - 3	20/08/2024	Lines And Angles, Triangles
M.T. - 4	02/012/2024	Circle , Herons Formula

A.T. - 1	26/04/2024	Number systems, Polynomials, Coordinate geometry
A.T. - 2	12/08/2024	Lines and angles, Triangles
A.T. - 3	27/01/2025	Circles, heron's formula, Surface areas and Volumes

**CLASS - IX****PRESCRIBED BOOKS:**

1. NCERT
2. NCERT EXEMPLER
3. PHYSICS BY DINESH
4. SRIJAN PUBLICATION
5. D.C. PANDEY

Months	Working Days	Portion
April	21	Motion:- Rest and motion; Distance and displacement; average speed; velocity; uniform and non-uniform motion along a straight line; acceleration, distance-time and velocity-time graphs for uniform motion and uniformly accelerated motion; equations of linear motion in a straight line; elementary idea of uniform circular motion.
May	08	Force and Newton's laws:- Force and Motion; inertia and mass; Newton's Laws of Motion.
June	17	Action and Reaction forces, Inertia of a body, Inertia and mass; linear Momentum, Force and Acceleration.
July	23	Gravitation:- Gravitation; Universal Law of Gravitation, Force of Gravitation of the earth (gravity), Acceleration due to Gravity; Mass and Weight; Free fall; motion of an object under gravity.
August	20	Floatation:- Thrust and Pressure; pressure in fluids; Archimedes Principle; Buoyancy; density and relative density..
September	21	Revision and Half yearly examination.
October	22	Work, Energy and Power:- Work done by a constant Force; Energy and its form; Kinetic and Potential energy; Law of conservation of energy (excluding commercial unit of Energy)
November	19	Law of conservation of energy (excluding commercial unit of Energy) power,
December	22	Sound: Nature of sound and its propagation in various media, speed of sound, range of hearing in humans; ultrasound; reflection of sound; echo.

**CLASS - IX****PRESCRIBED BOOKS:**

1. NCERT
2. NCERT EXEMPLER
3. PHYSICS BY DINESH
4. SRIJAN PUBLICATION
5. D.C. PANDEY

Months	Working Days	Portion
January	21	Range of hearing in humans; ultrasound; reflection of sound; echo.
February	19	Revision Classes
March	24	Examination continued.

Monday Test	Date	Portion
Monday Test-1	29/04/2024	Motion
Monday Test-2	01/07/2024	Force and laws of motion
Monday Test-3	20/08/2024	Floatation
Monday Test-4	02/012/2024	Work energy and power

**CLASS - IX****PRESCRIBED BOOKS:**

Months	Working Days	Portion
April	21	Matter in our surroundings <ul style="list-style-type: none">○ Characteristics of Matter○ Particulate nature of matter○ Characteristics of particle of matter○ Diffusion○ States of matter- Solid, liquid and gases and their properties○ Interconversion of states of matter, melting, freezing, vaporization, condensation, sublimation MT1 Matter in our surroundings
May/ June	08/17	Is Matter Around Us Pure? <ul style="list-style-type: none">○ Elements, Compounds and Mixtures and their Characteristics○ Heterogeneous and Homogeneous Mixtures○ Solutions- Concentration of a solution, solubility○ Suspensions○ Colloids – Types and Properties○ Physical and Chemical Changes○ Elements and Compounds AT 1 Matter in our surroundings
July	23	Atoms and Molecules <ul style="list-style-type: none">○ Laws of chemical Combination Law of conservation of mass○ Law of constant proportion Dalton's atomic theory○ Atoms and symbols○ How do atoms exist?○ Molecules and Ions MT 2 Is Matter Around Us Pure?
August	22	<ul style="list-style-type: none">○ Writing of Chemical Formulae○ Molecular Mass○ Formula Unit Mass○ <i>Extra Mole Concept, Mole fraction, Percentage Mass.</i> AT 2 Is Matter Around Us Pure
September	21	Revision for half yearly exam Half yearly examination

**CLASS - IX****PRESCRIBED BOOKS:**

Months	Working Days	Portion
October November December	17 19 22	Structure of the Atom ○ Electrical nature of matter ○ Discovery of electron and proton. ○ Characteristics of electron, proton and neutrons. MT 3 Atoms and Molecules ○ Valency ○ Atomic number and Mass number AT 3 Atoms and Molecules ○ Isotopes and Isobars ○ Properties and Application MT 4 Structure of the atom
January	19	○ Revision ○ Extra Molarity and Molarity ○ Balancing of equations ○ AT 4 Structure of the atom
February + March	19+24	Revision for Annual Examination Annual Examination

**CLASS - IX****PRESCRIBED BOOKS:**

Months	Working Days	Topic	Portion
April	21	<u>Chapter -5 The Fundamental Unit of Life</u> 5.1 What are living organisms made up of? 5.2 What is a cell made up of? 5.2.1 Plasma Membrane or Cell membrane 5.2.2 Cell Wall 5.2.3 Nucleus	<u>MT 1- 29.04.2024</u> Ch-5 The Fundamental Unit of Life till 5.2.1 Plasma Membrane or Cell Membrane
May	08	5.2.4 Cytoplasm 5.2.5 Cell Organelles Cell Division <u>EXTRA TOPICS:</u> ○ Cell cycle and Cell Division ○ Types of Chromosomes ○ Fluid Mosaic Model of Plasma Membrane	
June	17	<u>Chapter 6: Tissues</u> 6.1 Are plants and animals made up of same types of tissues?	<u>AT 1- 24.06.2024</u> Ch-5 The Fundamental Unit of Life (Complete Chapter)
July	23	6.2 Plant Tissues 6.2.1 Meristematic tissue 6.2.2. Permanent Tissue 6.2.2(i) Simple Permanent Tissue 6.2.2(ii) Complex Permanent Tissue	<u>MT 2- 15.07.2024</u> Ch-5 The Fundamental Unit of Life (Complete Chapter)
August	20	6.3 Animal Tissues 6.3.1 Epithelial Tissue 6.3.2 Connective Tissue <u>EXTRA TOPICS:</u> ○ Mechanism of Blood clotting ○ Blood Groups ○ Lymph	<u>AT 2- 12.08.2024</u> Ch-5 The Fundamental unit of life And Ch – 6 Tissues (Only till Plant Tissues)

**CLASS - IX****PRESCRIBED BOOKS:**

Months	Working Days	Topic	Portion
September	21	Revision for Half Yearly Examination	
October	17	Chapter- 6 – Tissues (Animal Tissues) 6.3.3 Muscular Tissue 6.3.4 Nervous Tissue EXTRA TOPICS: ○ Transmission of Nerve Impulse Chapter-12 Improvement in Food Resources 12.1 Improvement in Crop Yields 12.1.1 Crop variety improvement	MT 3- 21.10.2024 Ch – 6 Tissues (Complete chapter)
November	19	12.1.2 Crop Production Management Manure and fertilizers 12.1.2 (i) Nutrient Management 12. 1. 2 (ii) Irrigation 12. 1. 2 (iii) Cropping Pattern	AT 3- 25.11.2024 Ch – 6 Tissues (Only Animal Tissues) + Ch – 12 Improvement in Food Resources Till 12.1.2 Cropping Patterns
December	22	12.1.3 Crop protection management Storage of grains 12.2 Animal Husbandry	MT 4 —16.12.2024 Ch-12 Improvement in Food Resources Till 12.1.3 Crop Protection Management
January	19	12.2.1 Cattle farming 12.2.2 Poultry farming 12.2.3 Fish production 12.2.4 Bee keeping EXTRA TOPICS: ○ Hierarchy of Classification ○ Binomial Nomenclature	AT 4 –27.01.2025 Ch- 15 Improvement in food resources (Complete Chapter)
February	19	Revision for Annual Examination	
March	19	Annual Examination	

**CLASS - IX****PRESCRIBED BOOKS: India and the Contemporary World -I (NCERT)**

Months	Working Days	Topic / Sub-Topic	Monday Test / Ability Test
April	21	French Revolution <ul style="list-style-type: none">○ French Society○ Outbreak of the Revolution○ Constitutional Monarchy○ Republic - Reign of Terror○ Role of Women○ Abolition of Slavery○ Everyday Life.	
July	23	Socialism in Europe and The Russian Revolution <ul style="list-style-type: none">○ The Age of Social Change○ The Russian Revolution○ The February Revolution in Petrograd○ What changed after October○ The Global influence of the Russian Revolution and the USSR	MT 2- 29.07.24 Socialism in Europe and the Russian Revolution <ul style="list-style-type: none">○ The Age of Social Change○ The Russian RevolutionConstitutional DesignPeople As Resource
September	21	Revision and Mid-Term Exam	
October	17	Nazism and the Rise of Hitler Political condition Birth of Weimar Republic Years of Depression Hitler's Rise to Power The Nazi World view Youth in Nazi Germany Ordinary people and the crimes against Humanity	

**CLASS - IX****PRESCRIBED BOOKS: India and the Contemporary World -I (NCERT)**

Months	Working Days	Topic / Sub-Topic	Monday Test / Ability Test
November	19	<ul style="list-style-type: none">○ Forest Society and Colonization○ Reasons of Deforestation○ Rise of Commercial Forestry○ Forest Rules and New Occupations○ Rebellion in Forest / Bastar○ Forest Transformation in Java○ Non-Cooperation Movement (Extra Topic)Pastoralists in the Modern World○ Pastoral Nomads and their Movement○ Colonial Rule and Pastoral Life○ Pastoralism in Africa	MT 3- 18.11.24 Nazism and the Rise of Hitler ○ Political condition ○ Birth of Weimar Republic Working of Institutions Poverty as a Challenge Ability Test 3- 25.11.2024 Nazism and the Rise of Hitler Working of Institutions Poverty as a Challenge
January/ February	19+19 =38	Revision and Annual Exam	Monday Test 4- 13.01.25 Nazism and the Rise of Hitler Democratic Rights Food Security in India Ability Test 4- 27.1.25 Pastoralists in the Modern World Democratic Rights Food security in India

**CLASS - IX****PRESCRIBED BOOKS: Democratic Politics - I (NCERT)**

Months	Working Days	Topic	Sub-Topic	Monday Test/ Ability Test
April	21	What is Democracy, Why Democracy?	<ul style="list-style-type: none"> ○ Meaning and definition ○ Features of Democracy ○ For and against Democracy ○ Broader meaning of Democracy 	
May	08	Constitutional Design	<ul style="list-style-type: none"> ○ Struggle against Apartheid ○ Democratic Constitution in SA ○ Making of the Indian Constitution ○ Institutional Design 	
August	20	Electoral Politics	<ul style="list-style-type: none"> ○ Need for Elections ○ Indian System of Election ○ Electoral Constituencies ○ Free and Fair Elections ○ Independent Election Commission 	Ability Test 2- 12.08.24 Socialism in Europe and the Russian Revolution Electoral Politics People as Resource
September	21	Revision and Mid-Term Exam		
October	17	Working of Institutions	<ul style="list-style-type: none"> ○ Policy making Procedure ○ Decision makers ○ Parliament ○ Executives, The President, The Judiciary 	



CLASS - IX

PRESCRIBED BOOKS: Democratic Politics - I (NCERT)

Months	Working Days	Topic	Sub-Topic	Monday Test/ Ability Test
December	22	Democratic Rights	<ul style="list-style-type: none">○ Life without Rights○ Rights in a Democracy○ Expanding scope of rights○ International covenant on Eco & Social Rights	
January/ February	19+19 =38	Revision and Annual Exam		

**CLASS - IX****PRESCRIBED BOOKS: Text Book - NCERT Economics**

Months	Working Days	Topic / Sub-Topic	Monday Test / Ability Test
May + June	8+17 =25	The Story of Village Palampur <ul style="list-style-type: none"> • Organisation of Production • Farming in Palampur • Land distribution • Need of Capital • Non-Farming Activities People As Resource <ul style="list-style-type: none"> i) Human Capital 	MT 1- 10.06.24 French Revolution What is Democracy, Why Democracy The Story of Village Palampur Ability Test 1 -24.06.24 French Revolution Constitutional Design People As Resource -Human Capital
July	23	People As Resource (continued) <ul style="list-style-type: none"> ○ Role of Education ○ Role of Health ○ Classification of Economy ○ Division of Labour ○ Unemployment Structure 	
September	21	Revision and Mid-Term Exam	
October	17	Poverty as a Challenge <ul style="list-style-type: none"> ○ Two Typical cases of Poverty ○ Poverty as seen by Social Scientists ○ Unequal Distribution of Resources ○ Inter - State Disparities ○ Causes of Poverty ○ Anti Poverty Measures 	
December	22	Food Security in India <ul style="list-style-type: none"> ○ Dimensions of food Security ○ Need for food Security ○ Food Insecure Sections ○ Food Self Sufficiency in India ○ Food Security in India ○ Public Distribution System ○ Role of Co-operatives 	
Jan./Feb.	19+19=38	Revision and Annual Exam	

**CLASS - IX****PRESCRIBED BOOKS: (NCERT) CONTEMPORARY INDIA-I**

Months	Working Days	L No.	Topic / Sub-Topic	Monday Test Portion	Ability Test Portion
April	21	01	India size & location India and the World India and its Neighbours		
May/June	8+17 =25	02	Physical Features of India Himalayan Mountains Northern Plains	MT-1 CH-1 India Size & Location	Ability Test-1 CH-1-India Size & Location
July	23	02	Physical Features of India Peninsular Plateau Indian Desert Coastal Plains Island Groups	MT - 2 CH - 2 Physical Features of India (Till the Northern Plains)	
August	20	03	Drainage ○ Drainage Systems in India ○ Himalayan Rivers ○ Peninsular Rivers ○ Lakes ○ Role of Rivers in the Economy ○ River Pollution ○ Water Resources Revision		Ability Test-2 CH-2-Physical Features of India
September	21		Revision & Half Yearly Examination Climate Climatic Controls		

**CLASS - IX****PRESCRIBED BOOKS: (NCERT) CONTEMPORARY INDIA-I**

Months	Working Days	L No.	Topic / Sub-Topic	Monday Test Portion	Ability Test Portion
October	17	04	Climate Factors Affecting India's Climate		
November	19		Climate ○ The Seasons ○ Distribution of Rainfall ○ Monsoon as a Unifying bond	MT-3 CH-3 Drainage (Till Peninsular Rivers)	Ability Test-3 Ch-3 Drainage
December	22	05	Natural Vegetation and Wildlife Types of Vegetation Wildlife		
January	19	06	○ Population ○ Population Size & Distribution ○ India's Population Distribution by Density ○ Population Growth ○ Processes of Population Change ○ National Population Policy	MT-4 CH-4 Climate (Factors affecting India's Climate before Jet Stream)	Ability Test-4 Ch-4 Climate
February / March	19+24 =43	06	Revision & Annual Examination		

**CLASS - IX****PRESCRIBED BOOKS:**

Months	Working Days	Topic
April	21	Part - A Unit-1 : Communication Skills-I Unit-2 : Self-Management Skills-I Unit-3 : Basic ICT Skills-I <ul style="list-style-type: none"> ▪ Information & Communication Technology ▪ ICT : Computer & Its Parts
May	08	Part - A Unit-3 : Basic ICT Skills-I <ul style="list-style-type: none"> ▪ ICT : e-Mail
June	17	Part - B Unit-1 : Introduction to IT-ITeS industry
July	23	Part - B Unit-3 : Digital Documentation <ul style="list-style-type: none"> ▪ Digital Documentation ▪ Formatting in Word Processor ▪ Mail Merge
August	20	Revision for Half Yearly Examination
September	21	Part - A Unit-4 : Entrepreneurial Skills-I Unit-5 : Green Skills-I
October	17	Part - B Unit-2 : Data Entry & Keyboarding Skills
November	19	Part - B Unit-4 : Electronic Spreadsheet <ul style="list-style-type: none"> ▪ Electronic Spreadsheet ▪ Formatting Cells in Spreadsheet
December	22	Part - B Unit-5 : Digital Presentation <ul style="list-style-type: none"> ▪ Digital Presentation ▪ Digital Slides
January	19	Revision for Annual Examination
February	19	Revision for Annual Examination



CLASS - IX

PRESCRIBED BOOKS:

MONDAY TEST PORTION

Monday Test-1

- Ch-1: Communication Skills
 - Ch-3: Information & Communication Technology
-

Monday Test-2

- Ch-12: Mail Merge
 - Ch-13: Electronic Spreadsheet
-

**CLASS - IX****PRESCRIBED BOOKS:**

Months	Working Days	Topic	Additional Topics
April	21	I.C.I.-I, Introduction to A.I.	Introduction to Linux OS
May	08	Introduction to A.I.	
June	17	A.I Project Cycle	Let's build an A.I. Application using MIT App Inventor
July	23	A.I. Project Cycle	How to use A.I. data exploration tools
August	20	Communication Skills-I, Self Management Skills-I	Industrial Visit
September	21	Revision	
October	17	Introduction to Python	Advance Python
November	19	Introduction to Python	
December	22	Neural Network	Create SMART CLASSROOM AI application
January	19	Entrepreneurial Skills-I Green Skills -I	Introduction to Intellectual Property Rights(IPR)
February	19	Revision	
March	24		

Monday Test	Date	Portion
Monday Test-1	18/06/2024	I.C.I.-I, Introduction to A.I.
Monday Test-2	05/08/2024	A.I. Project Cycle, Introduction to AI
Monday Test-3	11/11/2024	AI Project Cycle, Python
Monday Test-4	20/01/2025	Python , Neural Network, Entrepreneurial Skills -I, Green Skills-I



CLASS - IX

PRESCRIBED BOOKS:

1. NCERT
- 2.
- 3.
- 4.
- 5.

Months	Working Days	Portion
April	21	Employability Skills- Unit 1-Communication skills. Subject Specific skills- Unit 1- Money -What it is?- History of money. Evolution of money. Currencies. Activity -Collect the pictures of coins of different countries. Unit 2-Money Exchange System- Bartering and Commodity money. Division of labour. Modern Currency. Activity –Make a PPT on the topic “Modern Currency “.
May	08	Employability skills- Unit 2-Self-Management skills. Subject Specific skills- Unit 3-Key Characteristics of Money- Medium of Exchange. Standard of Value or a Unit of Account. Store of Value. Activity -Identify the features of 5 commodities. Do they possess the characteristics of money.
June	17	Subject Specific skills- Unit 4-What is Financial Planning?- Goal Setting. Analyse information of Financial Planning. Creating a Plan. Activity -Values and it's importance in life.



CLASS - IX

PRESCRIBED BOOKS:

1. NCERT
- 2.
- 3.
- 4.
- 5.

Months	Working Days	Portion
July	23	Employability skills- Unit 3-ICT skills. Subject Specific skills- Unit 5-What is Income?- Income. Measurement of Income. Project
August	20	Employability skills- Unit 4-Entrepreneurial Skills. Subject Specific skills- Unit 6-What are Expenses?- Fixed Expenses . Variable Expenses. Building your own Budget.
September	21	Half yearly Revision.
October	17	Subject Specific skills- Unit 7- What is Bank?- Banking. Types of Bank account and Services. Activity – Visit to ATM and learn it's functions.
November	19	Subject Specific skills- Unit 8-Why Save?- Income Vs Saving. Interests. Unit 9-Setting Goals- Setting of a goal. Types of goals. Activity – Make a poster on SMART goals.



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Months	Working Days	Portion
December	22	Employability skills- Unit 5-Green skills. Subject Specific skills- Unit 10-Systematic Savings and Investments- Saving and Investments. Speculation Time Value of Money.
January	19	Subject Specific skills- Unit 11-Making of Budget – Budgeting and it's Preparation. Analysis of Budget. Activity -Discuss that how expenses overcome and mismanage the budget
February	19	Revision for Final Examination.
March	24	New Session

**CLASS - IX****PRESCRIBED BOOKS: NCERT Based**

1. **General Studies**
2. **One liner**

Months	Working Days	Portion
April	21	<ul style="list-style-type: none">○ Indian history –○ Historical sources○ Pre historic Culture○ Indus valley civilization○ Vedic civilization/The Vedic age○ Age of Mahajanapadas○ Geography of World and India –○ Geography as a subject○ Universe○ The Earth○ Geomorphology○ Indian Polity –○ Constitutional development○ Making of the Indian constitution○ Salient features of Indian constitution and Preamble○ Union and it's territories and State Reorganization
May	08	<ul style="list-style-type: none">○ Indian history –○ Buddhism and Jainism○ Mauryan Empire○ Post Mauryan Age○ The Gupta Age○ Post Gupta Age○ Geography of World and India –○ Climatology○ Hydrosphere○ Soil and Natural Vegetation○ Indian Polity –○ Citizenship○ Fundamental Rights○ Directive Principles of State Policy○ Fundamental Duties

**CLASS - IX****PRESCRIBED BOOKS: NCERT Based**

1. **General Studies**
2. **One liner**

Months	Working Days	Portion
June	17	<ul style="list-style-type: none">○ Indian Economy –○ Economy An introduction○ National Income○ Economic planning of India○ Demography, Poverty and Unemployment○ General Science –○ Physics –○ Measurement○ Motion○ Force and Newton's law of Motion○ Work, Power and Energy○ Center of Mass and Rotational Motion○ Gravitation
July	23	<ul style="list-style-type: none">○ General Science –○ Chemistry –○ Matter and its State○ Atomic Structure○ Bonding and Chemical Reaction○ Acids, Bases and Salts○ Gaseous States○ Biology –○ Biological Classification○ Plant Kingdom○ Animal kingdom○ Cell: structure and function○ Tissue○ General knowledge –○ Defence○ Organizations and Summits○ National and International Dateline○ Abbreviations○ Space Technology○ Computer knowledge

**CLASS - IX****PRESCRIBED BOOKS: NCERT Based**

1. **General Studies**
2. **One liner**

Months	Working Days	Portion
August	20	<ul style="list-style-type: none">○ General knowledge –○ First in India and World○ Superlatives in India and World○ India's and World's Major cities located near Rivers○ Famous places of India and World○ Name of the Parliaments and News Agencies○ Indian Polity –○ Official language○ Special Provision for certain classes○ Local self-government○ Political Parties and Electoral System○ Special Provision for some states○ Constitutional and Non constitutional bodies○ Constitutional Amendments○ Political theories and Basic concepts○ Miscellaneous facts
September	21	<ul style="list-style-type: none">○ Indian history –○ The Sangam age and history of South India○ Arrival of Arabs and Turks in India○ Delhi Sultanate○ Delhi Sultanate: Administration, Society, Art and Religion○ Revision for Half Yearly Exam–○ 5 Questions of Current affairs○ Indian history -Historical sources to Post Gupta Age○ Geography -As a Subject to Soil and Natural Vegetation○ Indian Polity –Constitutional development to Fundamental Duties○ Indian Economy -An introduction to Demography, Poverty and Unemployment○ Physics –Measurement to Gravitation○ General knowledge – First in India and World to Name of the Parliaments and News Agencies and○ Defence to Computer knowledge

**CLASS - IX****PRESCRIBED BOOKS: NCERT Based**

1. **General Studies**
2. **One liner**

Months	Working Days	Portion
October	17	<ul style="list-style-type: none">○ Geography of World and India –○ Agriculture○ Industries○ Transport and Communication○ Mineral resources○ Human settlements and Tribes○ World Population and Human Development○ Indian Polity –○ Union Executive○ Union Legislature○ State Executive○ State Legislature
November	19	<ul style="list-style-type: none">○ Indian Economy –○ Welfare Programmes and Schemes○ Agriculture○ Industry○ Money and Banking system○ Money market and Capital market○ Public finance and Budget○ International Trade and Balance of Payment○ International Organizations○ Indian Polity –○ Judiciary○ Federalism and Center State Relations○ Emergency Provisions○ Civil Services

**CLASS - IX****PRESCRIBED BOOKS: NCERT Based**

1. **General Studies**
2. **One liner**

Months	Working Days	Portion
December	17	<ul style="list-style-type: none">○ Indian history –○ Post Independence India○ Language and Literature○ Religion and Philosophy○ Art and Architecture○ Indian Sculpture○ Indian Paintings○ Indian Music, Dance and Drama○ Indian Fairs and Festivals○ Indian Craft and Martial Art○ Geography of World and India –○ Transport and Communication○ Human Resources and Settlements○ The Environment and Ecosystem○ Biodiversity○ National Parks and Wildlife Sanctuaries○ Climate change, Greenhouse effect and Ozone Depletion○ Environmental Pollution○ Sustainable development○ Disaster management
January	19	<ul style="list-style-type: none">○ General Science –○ Chemistry –○ Chemical kinetics and Equilibrium○ Solutions and Colloids○ Electrochemistry○ Classification of Elements○ Metals and it's Compounds○ Biology –○ Plant Morphology and Physiology○ Human Physiology○ Genetics○ Origin of life○ Health and Disease○ Biotechnology○ Agricultural Science○ Economic Botany○ Economic Zoology

**CLASS - IX****PRESCRIBED BOOKS: NCERT Based**

1. **General Studies**
2. **One liner**

Months	Working Days	Portion
February	17	<ul style="list-style-type: none">○ Revision for Final Examination –○ Indian history –○ -The Sangam age and History of South India to Delhi Sultanate Administration, Society, Art and Religion.○ -Post Independence India to Indian Craft and Martial Art.○ Geography of World and India –○ -Agriculture to World Population and Human Development .○ -Transport and Communication to Disaster Management.○ Indian Polity –○ Union Executive to Civil Services.○ Indian Economy –○ Welfare Programmes and Schemes to International Organizations.○ Chemistry –○ Matter and it's State to Non metals and it's Compounds.○ Biology –○ Plant Morphology and Physiology to Economic Zoology
March	24	