

# CLASS IX 2024-25

## DA AND EXAMINATION SYLLABUS BREAKUP

	English	Math	Science
<b>DA 1</b>	1. Figures of Speech • Simile • Metaphor 2. Prepositions 3. Tenses • Present Tense • Past Tense • Future Tense <b>Beehive</b> Lesson 1- The Fun they Had Lesson 2- The Sound of Music Poetry 1- The Road Not Taken <b>Moments</b> Lesson 1- The Lost Child Lesson 2- The Adventures of Toto	<ul style="list-style-type: none"> <li>• Number Systems</li> <li>• Coordinate Geometry</li> </ul>	Ch. 7: Motion Ch.1: Matter in Our Surroundings
<b>DA 2</b>	1. Figures of Speech • Personification • Oxymoron 2. Reported Speech 3. Subject Verb Agreement 4. Adjectives • Demonstrative • Quality • Interrogative <b>Beehive</b> Lesson 3- The Little Girl Lesson 4- A Truly Beautiful Mind Poetry 2- Wind Poetry 3- Rain on the Roof	<ul style="list-style-type: none"> <li>• Linear Equations in Two Variables</li> <li>• Lines and angles</li> </ul>	Ch. 8: Force and Laws of Motion Ch. 5: The Fundamental Unit of Life
<b>DA 3</b>	1. Figures of Speech • Irony • Onomatopoeia 2. Adverbs • Place • Time • Manner • Frequency • Degree 3. Articles <b>Beehive</b> Lesson 5- The Snake and The Mirror Poetry 4- The Lake Isle of Innisfree Poetry 5- The Legend of the Northland	<ul style="list-style-type: none"> <li>• Triangles</li> <li>• Polynomials</li> </ul>	Ch. 9: Gravitation (till Weight of an object on the Moon) Ch 2: Is Matter Around Us Pure

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<p><b>DA 4</b></p>	<p>1. Figures of Speech • Hyperbole • Pun</p> <p>2. Determiners • Demonstratives • Possessives • Distributives</p> <p>3. Active and Passive Voice</p> <p><b>Beehive</b> Lesson 6- My Childhood Poetry 6- No Men are Foreign</p> <p><b>Moments</b> Lesson 3- Iswaran the Storyteller Lesson 4- In the Kingdom of Fools</p>	<ul style="list-style-type: none"> <li>• Quadrilaterals</li> <li>• Heron's Formula</li> </ul>	<p>Ch. 9: Gravitation (from Thurst and Pressure) Ch. 6: Tissues - Plant Tissues</p>
<p><b>DA 5</b></p>	<p>1. Figures of Speech • Alliteration • Paradox</p> <p>2. Pronouns • Reflexive • Possessive • Personal</p> <p>3. Conjunctions</p> <p><b>Beehive</b> Lesson 8- Reach for the top (I, II) Poetry 8- On Killing a Tree</p> <p><b>Moments</b> Lesson 5- The Happy Prince</p>	<ul style="list-style-type: none"> <li>• Circles</li> </ul>	<p>Ch. 10: Work and Energy Ch. 3: Atoms and Molecules</p>
<p><b>DA 6</b></p>	<p>Revision- Figures of Speech • Alliteration • Simile • Metaphor • Pun • Oxymoron Onomatopoeia Tense • Present tense • Past tense, • Future tense</p> <p><b>Beehive</b> Lesson 10- Kathmandu Lesson 11- If I were you Poetry 10- A Slumber did my Spirit Seal</p> <p><b>Moments</b> Lesson 7- The Last Leaf Lesson 8- A House is not a Home Lesson 10- The Beggar</p>	<ul style="list-style-type: none"> <li>• Surface areas and Volumes</li> <li>• Statistics</li> </ul>	<p>Ch.11: Sound Ch. 6: Tissues - Animal Tissues Ch. 4: Structure of the Atom</p>

# EXAMINATION SYLLABUS BREAKUP

## ENGLISH

	Mid Term I	Half Yearly Examination	Mid Term II	Final Examination
<b>Beehive</b>	1. The Fun They Had 2. The Sound of Music- I & II- 3. The Little Girl (Subject Integration and Art Integration activities as planned)  <b>Poetry</b> • The Road Not Taken • Wind • Rain on the Roof	4. A Truly Beautiful Mind 5. The Snake and the Mirror (Assessment of Listening and Speaking Skills)  <b>Poetry</b> • The Lake Isle of Innisfree • A Legend of the Northland	6. My Childhood 8. Reach for the Top- I & II (Reading and Inference Challenge)  <b>Poetry</b> • No Men Are Foreign • On Killing a Tree	10. Kathmandu 11. If I Were You (Assessment of Listening and Speaking Skills)  <b>Poetry</b> • A Slumber Did My Spirit Seal
<b>Moments</b>	1. The Lost Child 2. The Adventures of Toto	3. Iswaran the Storyteller 4. In the Kingdom of Fools	5. The Happy Prince 7. The Last Leaf	8. A House Is Not a Home 10. The Beggar
<b>Writing Skills</b>	Diary Entry-1 Descriptive Paragraph (People, Place, Event)	REVISION Diary Entry + Descriptive Paragraph	Short story Descriptive Paragraph (Revision)	Revision: Descriptive Paragraph Diary Entry Short story
<b>Grammar</b>	Integrated Grammar Words and Expressions	Integrated Grammar Words and Expressions	Integrated Grammar Words and Expressions	Integrated Grammar Words and Expressions
		+ Complete Syllabus of Mid Term I		+ Complete Syllabus
<b>Books Prescribed:</b> Main Reader - Beehive (NCERT) Supplementary Reader- Moments (NCERT) Words and Expressions (NCERT)				

# EXAMINATION SYLLABUS BREAKUP

## HINDI

	Mid Term I	Half Yearly Examination	Mid Term II	Final Examination
स्पर्श भाग 1 (गद्य)	<ul style="list-style-type: none"> <li>दुःख का अधिकार</li> </ul>	<ul style="list-style-type: none"> <li>तुम कब जाओगे अतिथि</li> <li>एवरेस्ट: मेरी शिखर यात्रा</li> </ul>	<ul style="list-style-type: none"> <li>वैज्ञानिक चेतना के वाहक : चंद्रशेखर वेंकट रामन</li> </ul>	<ul style="list-style-type: none"> <li>शुक्रतारे के समान</li> </ul>
स्पर्श भाग 1 (पद्य)	<ul style="list-style-type: none"> <li>रैदास के पद</li> </ul>	<ul style="list-style-type: none"> <li>रहीम के दोहे</li> <li>गीत-अगीत</li> </ul>	<ul style="list-style-type: none"> <li>अग्निपथ</li> <li>खुशबू रचते हैं हाथ</li> <li>नए इलाके में</li> </ul>	-
संचयन भाग 1	<ul style="list-style-type: none"> <li>गिल्लू</li> </ul>	<ul style="list-style-type: none"> <li>स्मृति</li> </ul>	<ul style="list-style-type: none"> <li>मेरा छोटा-सा निजी पुस्तकालय</li> </ul>	<ul style="list-style-type: none"> <li>कल्लू कुम्हार की उनाकोटी</li> </ul>
व्यावहारिक व्याकरण + व्यावहारिक बोध	<ul style="list-style-type: none"> <li>शब्द -पद</li> <li>उपसर्ग - प्रत्यय</li> <li>अनुस्वार, अनुनासिक</li> <li>अपठित बोध</li> <li>स्व परिचय</li> <li>राष्ट्रगान</li> </ul>	<ul style="list-style-type: none"> <li>अर्थ के आधार पर वाक्य के भेद</li> <li>विराम चिह्न</li> <li>दीर्घ संधि</li> <li>गुण संधि</li> <li>महानगरों के नाम, इंदौर के दर्शनीय स्थल</li> </ul>	<ul style="list-style-type: none"> <li>वृद्धि संधि</li> <li>यण संधि</li> <li>अयादि संधि</li> <li>विद्यालय का नाम और पता</li> <li>मुख्य त्योहारों के नाम</li> </ul>	<ul style="list-style-type: none"> <li>संपूर्ण व्याकरण</li> <li>प्रमुख राष्ट्रीय स्मारकों के नाम</li> </ul>
रचना कौशल	<ul style="list-style-type: none"> <li>चित्र वर्णन</li> <li>अनौपचारिक पत्र</li> </ul>	<ul style="list-style-type: none"> <li>अनुच्छेद लेखन</li> <li>संवाद लेखन</li> </ul>	<ul style="list-style-type: none"> <li>चित्र वर्णन</li> <li>अनौपचारिक पत्र</li> <li>संवाद लेखन</li> <li>अनुच्छेद लेखन</li> </ul>	<ul style="list-style-type: none"> <li>चित्र वर्णन</li> <li>अनौपचारिक पत्र</li> <li>संवाद लेखन</li> <li>अनुच्छेद लेखन</li> </ul>
		+ मिड टर्म -1 का संपूर्ण पाठ्यक्रम	+मिड टर्म -1 एवं अर्धवार्षिक परीक्षा का संपूर्ण पाठ्यक्रम	+ संपूर्ण पाठ्यक्रम

### Books Prescribed :

- स्पर्श भाग 1 (NCERT)
- संचयन भाग 1 (NCERT)
- व्याकरण परिचय (FULL MARKS)

# EXAMINATION SYLLABUS BREAKUP

## MATHEMATICS

Mid Term I	Half Yearly Examination	Mid Term II	Final Examination
Ch.1: Number System Ch.3: Coordinate Geometry Ch.4: Linear Equations Ch.5: Introduction to Euclid's Geometry Ch.6: Lines and Angles	Ch.7: Triangles Ch.2: Polynomials Ch.8: Quadrilaterals	Ch.10: Heron's Formula Ch.9: Circles Ch.11: Surface Areas and volumes	Ch.12: Statistics
	+ Complete syllabus of Mid term I		+ Complete syllabus
<b>Books Prescribed:</b> NCERT , NCERT Exemplar			

## SCIENCE

	Mid Term I	Half Yearly Examination	Mid Term II	Final Examination
<b>Physics</b>	Ch.8: Motion	Ch.9: Force and Laws of Motion Ch.10: Gravitation ( till Weight of an object on the moon.)	Ch.10: Gravitation Ch.11: Work And Energy	Ch. 12: Sound
<b>Chemistry</b>	Ch.1: Matter in Our Surroundings	Ch. 2: Is matter around us pure?	Ch. 3: Atoms and molecules	Ch.4: Structure of atom
<b>Biology</b>	Ch. 5: The Fundamental Unit of Life ( till - differences between Prokaryotic and Eukaryotic cell)	Ch.5: The Fundamental Unit of Life (Complete) Ch.6: Tissues - Plant Tissues	Ch.6: Tissues (Complete)	Ch.5: The Fundamental Unit of Life Ch.6: Tissues Ch.12: Improvement in Food Resources
		+ Complete Syllabus of Mid Term I		+ Complete Syllabus
<b>Books Prescribed:</b> NCERT, NCERT Exemplar				

# EXAMINATION SYLLABUS BREAKUP

## SOCIAL SCIENCE

	Mid Term I	Half Yearly Examination	Mid Term II	Final Examination
<b>History</b>	1. The French Revolution	2. Rise of Socialism and the Russian Revolution	3. Nazism and the rise of Hitler	4. Forest Society and Colonialism (Why Deforestation?) 5. Pastoralism in the Modern World (Internal Assessment)
<b>Geography</b>	1. India-Size and Location 2. India-Physical Features	3. Drainage System 4. Climate	5. Natural Vegetation and Wildlife (only wildlife)	6. Population
<b>Economics</b>	1. The story of Village Palampur (Internal Assessment) 2. People as Resource	3. Poverty as a challenge	4. Food Security in India	
<b>Democratic Politics</b>	1. What is Democracy? Why Democracy?	2. Constitutional Design 3. Electoral Politics	4. Working of Institutions	5. Democratic Rights
<b>Individual Project</b>	Disaster Management (April-July)			
<b>IDP</b>			Inter-Disciplinary Project (History+ Geography) Components 1: History: Forest Society and Colonialism (The Rise Of Commercial Forestry, Rebellion in the Forest, Forest Transformations in Java) 2: Geography: Types of Vegetation (Natural Vegetation)	
		+ Complete Syllabus of Mid Term I		+ Complete Syllabus

### Books Prescribed:

1. History\_India and the contemporary World-1(NCERT)
2. Political Science - Democratic Politics-1(NCERT)
3. Geography - Contemporary India-1(NCERT)
4. Economics - Economics Textbook for Class IX(NCERT)

## INFORMATION & COMMUNICATIONS TECHNOLOGY (ICT)

# EXAMINATION SYLLABUS BREAKUP

Half Yearly Examination	Final Examination
<ul style="list-style-type: none"> <li>• Introduction to Programming Basics                             <ul style="list-style-type: none"> <li>❖ Language Processors                                     <ul style="list-style-type: none"> <li>➤ Compiler</li> <li>➤ Interpreter</li> </ul> </li> <li>❖ Source Code, Machine Code</li> </ul> </li> <li>• Introduction to Python</li> <li>• Working with Python                             <ul style="list-style-type: none"> <li>❖ Interactive Mode</li> <li>❖ Script Mode</li> </ul> </li> <li>• Running a Python program</li> <li>• Basic Data Types</li> <li>• Literals, Identifiers</li> <li>• Operators in Python                             <ul style="list-style-type: none"> <li>❖ Arithmetic Operators</li> <li>❖ Relational Operators</li> <li>❖ Assignment Operators</li> </ul> </li> <li>• Simple Input and Output</li> </ul> <p><b># Program list consisting of 20 programs</b></p>	<ul style="list-style-type: none"> <li>• Escape Sequence</li> <li>• Conditionals Statements                             <ul style="list-style-type: none"> <li>❖ if Statement</li> <li>❖ if-else Statement</li> </ul> </li> <li>• Iteration Statements (Loops)                             <ul style="list-style-type: none"> <li>❖ for Statements</li> <li>❖ while Statements</li> </ul> </li> </ul> <p><b># Program list consisting of 20 programs</b></p>
<p><b><u>Artificial Intelligence &amp; Robotics Syllabus</u></b></p> <ul style="list-style-type: none"> <li>• Introduction to Pictoblox &amp; Quarky</li> <li>• Sorting an array</li> <li>• Advance sequencing</li> <li>• Line following Robot</li> </ul>	<p><b><u>Artificial Intelligence &amp; Robotics Syllabus</u></b></p> <ul style="list-style-type: none"> <li>• Optical Character Recognition</li> <li>• Object Tracking Robot</li> <li>• Four Wheel Drive Robot</li> </ul>