



# MNEMONIC CONVENT SCHOOL

## Affiliated to CBSE, New Delhi

### SYLLABUS OF HALF- YEARLY EXAMINATION ( 2025- 2026)

#### Class- XI (SCIENCE)

S.NO.	SUBJECT	SYLLABUS
1.	ENGLISH	<p><b>Section A</b></p> <ul style="list-style-type: none"><li>• Unseen passages</li><li>• Note Making</li></ul> <p><b>Section B</b></p> <ul style="list-style-type: none"><li>• Determiners</li><li>• Tenses</li><li>• Voice &amp; Narration</li><li>• Rearrangement of words</li><li>• Advertisement</li><li>• Poster making</li><li>• Speech writing</li><li>• Debate writing</li></ul> <p><b>Section C</b></p> <ul style="list-style-type: none"><li>• Prose( Chapters 1 to 3)</li><li>• Poetry ( Poem 1 and 2)</li><li>• Snapshot (Chapters 1 to 3)</li></ul>
2.	CHEMISTRY	<ul style="list-style-type: none"><li>• Ch- 1.Some Basic Concepts of Chemistry</li><li>• Ch- 2.Atomic Structure</li><li>• Ch-3.Classification of elements and periodicity in chemical properties</li><li>• Ch-4.Chemical Bonding and Molecular structure</li><li>• Ch- 5.Thermodynamics</li></ul>
3.	YOGA	<p>Unit 1: Introduction to yoga and yogic practice</p> <ul style="list-style-type: none"><li>• Yoga etymology, definition, aim and misconception text</li><li>• Yoga origin, history and development</li><li>• Principal rules and regulations to be followed by yoga practitioners</li><li>• Introduction to major schools of yoga or streams of yoga</li><li>• Introduction to yogic practices</li></ul> <p>Unit 2: Introduction to yoga text</p> <ul style="list-style-type: none"><li>• Introduction of Patanjali Yog Sutra</li></ul>

		<ul style="list-style-type: none"> <li>• Introduction and study of Bhagavad Gita</li> <li>• Introduction of Hatha Yoga Pradeepika</li> <li>• Introduction and study of Gheranda Samhita</li> </ul>
4.	BIOLOGY	<ul style="list-style-type: none"> <li>• The living world</li> <li>• Biological classification</li> <li>• Plant Kingdom</li> <li>• Animal kingdom</li> <li>• Morphology of flowering plants</li> <li>• Cell: the unit of life</li> <li>• Biomolecules</li> </ul>
5.	MATHS	<ul style="list-style-type: none"> <li>• Sets</li> <li>• Relations and Functions</li> <li>• Trigonometric Functions</li> <li>• Complex Numbers</li> <li>• Linear Inequalities</li> <li>• Permutations and Combinations</li> <li>• Binomial Theorem</li> <li>• Sequence and Series</li> </ul>
6.	PHYSICS	<ul style="list-style-type: none"> <li>• Ch 1:- Units and measurements</li> <li>• Ch 2:- Motion in a straight line</li> <li>• Ch 3:- Motion in a Plane</li> <li>• Ch 4:- Laws of Motion</li> <li>• Ch 5:- Work,Energy and Power</li> <li>• Ch6:- System of particles and Rotational Motion</li> <li>• Ch7:- Gravitation</li> </ul>
7.	PHYSICAL EDUCATION	<ul style="list-style-type: none"> <li>• Changing Trend and Carry on Physical Education</li> <li>• Olympism and Value Education</li> <li>• Yoga</li> <li>• Physical Education and Sports for Children with Special Needs</li> <li>• Physical Fitness, Wellness and Lifestyle</li> </ul>
8.	COMPUTER SCIENCE	<ul style="list-style-type: none"> <li>• Computer memory</li> <li>• Number System</li> <li>• Logic gate</li> <li>• Operating system</li> <li>• Flowchart</li> <li>• Tokens</li> <li>• Conditional statements</li> <li>• Data types</li> </ul>