

Portion for Half Yearly Examination		
Class – XI (Science)		
S.No	Subject	Portion
1	English	<p><b>Reading Comprehension</b></p> <p>Unseen passage (factual, descriptive or literary/discursive or persuasive) Case Based Unseen (Factual) Passage Creative Writing Skills and Grammar Notice Writing Business or Official Letters (Making enquiries, registering complaints, asking for or giving information, placing order and sending replies) Speech Determiners Tenses Re-ordering of Sentences (MCQs on Gap Filling/ Transformation of Sentences)</p> <p><b>Literature</b></p> <p>Hornbill- The Portrait of a Lady (Prose) A Photograph (Poem) We're not Afraid to Die..If We Can All Be Together (Prose) Discovering Tut: the Saga Continues The Laburnum Top (Poem) Landscape of the Soul (Prose) Snapshot: The Summer of the Beautiful White Horse (Prose) The Address (Prose) Ranga's Marriage (Prose)</p>
2	Maths (Applied)	<p>Chapter : Numbers and Quantifications Chapter : Numerical Applications Chapter : Sets Chapter : Relations Chapter : Sequence and Series Chapter : Functions</p>
3	Maths (Standard)	<p>Chapter 1 : Sets Chapter 2 : Relations and Functions Chapter 5 : Complex Numbers and Quadratic Equations Chapter 9 : Sequence and Series Chapter 10 : Straight Lines</p>

4	Science	<p><b>Physics</b></p> <p>Unit-1 Physical World and Measurement Chapter – 1: Physical World Chapter – 2: Units and Measurements</p> <p>Unit-2 Kinematics Chapter – 3: Motion in a Straight Line Chapter – 4: Motion in a Plane</p> <p>Unit-3 Laws of Motion Chapter – 5: Laws of Motion</p> <p>Unit-4 Work energy and Power Chapter – 6: Work Energy and Power</p> <p>Unit-5 Motion of System of Particles and rigid Body Chapter – 7: System of Particles and Rotational Motion</p> <p>Unit-6 Gravitation Chapter – 8: Gravitation</p> <p><b>Chemistry</b></p> <p>Chapter 1 Some Basic Concepts of Chemistry Chapter 2 Structure of Atom Chapter 3 Classification of Elements and Periodicity in Properties Chapter 4 Chemical Bonding and Molecular Structure Chapter 8 Redox Reactions Chapter 9 Hydrogen</p> <p><b>Biology</b></p> <p>Chapter 1: The Living World(Page No. 3-10) Chapter 2: Biological Classification Chapter 3: Plant Kingdom (Page No.-29-39) Chapter 4: Animal Kingdom Chapter 5: Morphology of Flowering Plants(Page No.-71-75 and Family-Solanaceae-Pg-79-80) Chapter 7: Structural Organization in Animals(Animal Tissue- Page No.-100-106) Chapter 8: Cell-The Unit of Life Chapter 9: Biomolecules</p>
5	Computer Science	<ol style="list-style-type: none"> <li>1. Computer Components and Basic Computer Organisation.</li> <li>2. Data Representation</li> <li>3. Boolean Logic</li> <li>4. Getting started with Python</li> <li>5. Python fundamentals</li> <li>6. Data handling</li> <li>7. Flowchart</li> </ol>
6	IP	<ol style="list-style-type: none"> <li>1. Introduction to Computer System</li> <li>2. Introduction to Python Till Looping. Including flowchart.</li> </ol>

7	Physical Education (5 <sup>th</sup> & 6 <sup>th</sup> Paper)	Unit 1 Changing trends and career in physical education Unit 2 Olympic value education Unit 3 Physical fitness, wellness and lifestyle Unit 4 Physical education and sports for CWSN Unit 5 Yoga
8	Fine Art	* Pre historic rock painting (Wizard's dance, Bhimbethaka an introduction) * Art of Indus valley civilization * Study of sculptures and terracottas (dancing girl, Male torso, seal, bull, earthen wares, art during Mauryan Shunga kushana and Gupta period. Lion capital of Sarnath, Chauri bearer of Didarganj Bodhisattva head from Taxila Seated Buddha from Katra Tila Seated Buddha from Sarnath Jain tirthankara Introduction to Ajanta Padmapani Bodhisattva Mara Vijaya
9	HVM	Definitions.... Sangeet, Naad, Shruti, Swar, Saptak, Thaat, Jati, Rag, Lay, Taal, swarmalika, Lakshan geet, Detailed description of Rag Bihag and Rag Jaunpuri Taal.... Teental, Dadra, kaharwa Life Sketch of miyan Tansen