



Syllabus For Half Yearly Examination (2026-2027)
Grade – XI Science

Subject	Syllabus
English	Section A Reading Skills, Note Making Section B Grammar i. Questions on Gap filling (Tenses, Clauses) ii. Questions on re-ordering/transformation of sentences Creative Writing Skills Classified Advertisements, poster writing, Speech Writing Section C Prescribed Books 1. Hornbill: •The Portrait of a Lady (Prose) •A Photograph (Poem) •“We’re Not Afraid to Die... if we can be together (Prose) •The Laburnum Top (Poem) • The Voice of the Rain (poem) Prescribed Books 2. Snapshots: • The Summer of the Beautiful White Horse (Prose) • The Address (Prose) Mother’s Day (Play)
Physics	Chapter 1: Units and Measurements Chapter 2: Motion in a Straight Line Chapter 3: Motion in a Plane Chapter 4: Laws of Motion Chapter 5: Work, Energy and Power Chapter 6: System of Particles and Rotational Motion.
Chemistry	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
Physical Education	Unit -1 Changing trend and career in physical education Unit -2 Olympic value education Unit -3 Yoga Unit -4 Physical education and sports for CWSN Unit -5 Physical fitness health and wellness

Biology	1. Living world, 2. Cell unit of life 3. Biomolecules 4. Cell cycle and cell division 5. Breathing and exchange of gases 6. Body fluid and circulation 7. Excretory product and their elimination 8. Locomotion and movement 9 Neural control and coordination, 10. Chemical control and coordination
Computer Science	1. Computer System Overview 2. Data Representation 3. Introduction to Problem Solving 4. Getting Started with Python 5. Python Fundamentals 6. Data Handling 7. Flow of Control 8. String Manipulation 9. Society, Law and Ethics
Hindi	पाठ 1 से 5 गद्य खण्ड , पाठ 1 से 4 काव्य, पाठ 1 वितान , पत्र लेखन, जनसंचार माध्यम कथा पटकथा लेखन
Hindustani Music	1-Brief study of the following- Shruti, jaati thaata, 2-Brief study of the following-dhrupad 3- Life sketch and contribution of pandit Vishnu digambar paluskar ji 4- knowledge of the structure of taanpura 5-Discription of prescribed talas along with taal notation with dугun tigun and chaugun 6-Writing in notation the composition of prescribed ragas-vihag bhimpalasi , bhairavi
Mathematics	Chapter 1: Sets Chapter 2: Relations and Functions Chapter3: Trigonometric Functions Chapter 4: Complex Numbers and Quadratic Equations Chapter 5: Linear Inequalities Chapter 6: Permutations and Combinations Chapter 7: Binomial theorem