



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

Subject	Syllabus
English	Section A Reading Skills Section B Creative Writing Skills Notice Writing, Formal/Informal Invitation and Reply, Letters to the editor, Article Writing Section C Prescribed Books 1. Flamingo • The Last Lesson • Lost Spring • Deep Water • The Rattrap (Poetry) • My Mother at Sixty-Six • Keeping Quiet • A Thing of Beauty Prescribed Books 2. Vistas • The Third Level • The Tiger King Journey to the End of the World
Physics	Chapter 1- Electric Charge & Field Chapter 2- Electric Potential & Capacitance Chapter 3- Current Electricity Chapter 4- Moving Charges & Magnetism Chapter 5 -Magnetism & Matter Chapter 6-Electromagnetic induction Chapter 7-Alternating current Chapter 8-Electromagnetic wave
Chemistry	Chapter 1- Solutions Chapter 2- Electrochemistry Chapter 3- Chemical kinetics Chapter 4- d- and f-Block Elements Chapter 5- Coordination Compounds

Physical Education	Unit -1 Management of sporting event Unit -2 Children's and womens in sports Unit -3 Yoga as preventive measures for lifestyle disease Unit -4 Physical education and sports for CWSN Unit -5 Sports and nutrition.
Biology	1.Sexual reproduction in flowering plant 2.Human reproduction 3.Reproductive health 4.Principles of inheritance 5. Molecular basis of inheritance 6.Biotechnology principle and processes 7.Biotechnology and its application
Computer Science	Chapter 1- Python Revision tour-I Chapter 2-Python Revision tour-II Chapter 3-Functions Chapter 4-File Handling Chapter 5- Data structure Chapter 6-Computer networks 1 and 2
Hindi	पाठ 1 से पाठ 5 गद्य पाठ 1से पाठ 4 काव्य पाठ 1 वितान पत्र लेखन, जनसंचार माध्यम, पत्र कारीय लेखन, कहानी नाटक, फीचर आलेख
Hindustani Music	1- Brief study of the following -Meend, Murki khatka 2-Brief study of the following- Murchana 3-Historical development of time theory of Raag 4-Detail study of Sangeet Ratnakar 5-Life sketch and contribution of ustad Faiyaz Khan 6-Tuning of tanpura 7-Critical study of prescribed ragas along with recognizing the ragas from phrases of swaras and elaborating them.
Mathematics	Chapter 1- Relations and Functions Chapter 2- Inverse Trigonometric Functions Chapter 3- Matrices Chapter 4- Determinants Chapter 5- Continuity and Differentiability Chapter 6- Applications of Derivatives Chapter 7- Integrals