

**Syllabus For Half Yearly Examination
Class X**

HINDI:

अपठित - /काव्यांश
व्याकरण -रचना के आधार पर वाक्य भेद /वाच्य /पद परिचय /अलंकार
साहित्य - नेता जी का चश्मा /बालगोबिन भगत /लखनवी अंदाज (गद्य पाठ)
सूर के पद /राम -लक्ष्मण -परशुराम संवाद /आत्मकथ्य (काव्य पाठ)
पूरक पुस्तिका (कृतिका)-माता का अंचल
लेखन -अनुच्छेद /पत्र /ई -मेल /स्ववृत्त /विज्ञापन /संदेश

ENGLISH:

Unseen comprehension
One factual
One case study
Letter to Editor
Letter of Enquiry
Letter of Placing Order
Letter of complaint
Analytical paragraph
Editing
Gap filling
Direct Indirect
A letter to God
Long walk to Freedom
His First Flight
The Black Aeroplane
From the Diary of a Young Girl
Fire and Ice
Dust of Snow
A Tiger in the Zoo
How to tell wild Animals

Amanda

The Ball poem

A Triumph of Surgery

A Thief's Story

A Midnight Visitor

A Question of Trust

Footprints without feet

MATHS:

- Real numbers
- Polynomials
- Linear equations
- Quadratic equations
- Arithmetic progression
- Coordinate geometry
- Statistics
- Introduction to trigonometry

PHYSICS:

Chapter -Light

Reflection of light by curved surfaces; Images formed by spherical mirrors, centre of curvature, principal axis, principal focus, focal length, mirror formula (Derivation not required), magnification.

Refraction; Laws of refraction, refractive index. Refraction of light by spherical lens; Image formed by spherical lenses; Lens formula (Derivation not required); Magnification. Power of a lens.

Chapter- Human Eye and Colourful world

Human eye: Functioning of a lens in human eye, defects of vision and their corrections, applications of spherical mirrors and lenses.

Refraction of light through a prism, dispersion of light, scattering of light, applications in daily life (excluding colour of the sun at sunrise and sunset).

CHEMISTRY:

1. Chemical Reactions and Equations.
2. Acids Bases and Salts.

BIOLOGY:

1. Life Processes : Nutrition, Respiration, Transportation, Excretion in animals and plants.
2. Control and coordination in animals and plants.

HISTORY:

1. The Rise of Nationalism in Europe
2. Nationalism in India

Political Science

1. Power Sharing
2. Federalism
3. Gender, Religion and Caste

GEOGRAPHY:

- Chapter 1-Resource and Development.
- Chapter 2 - Forest and Wildlife Resources.
- Chapter 3 - Water Resources.
- Chapter 4 - Agriculture.

Economics

- Chapter 1 Development
- Chapter 2 Sectors of the Indian Economy

COMPUTER APPLICATION:

- Chapter 1-Networking
- Chapter 2-Introduction to HTML
 - HTML BASICS

- Types of TAGS
- HTML,HEAD,TITLE,BODY and its attribute
- Heading ,Paragraph
- Hr tag, Bold,Italic,Underline,Center,
- Font tag
- List in HTML
- Ordered
- Unordered
- Nested
- Chapter 3-
 - Table tag
 - Tr,Td, rowspan and colsapn
 - Inserting Image
 - Sub, Sup