HALFYEARLY EXAM SYLLABUS
CLASS X

HINDI:

अपठित बोध- गद्यांश व काव्यांश

व्याकरण - रचना के आधार पर वाक्य के भेद, वाच्य व अलंकार

साहित्य -गद्य (नेताजी का चश्मा,बालगोबिन भगत,लखनवी अंदाज)

काव्य (सूर के पद,राम लक्ष्मण परशुराम संवाद,आत्मकथ्य)

पूरक पुस्तिका कृतिका- माता का अंचल

लेखन -अनुच्छेद, पत्र, ईमेल, 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:
1. Real numbers
2. Polynomials
3. Pair of linear equations in two variables
4. Quadratic equations
5. Arithmetic progression
6. Co-ordinate geometry
7. Trigonometry
8. Application of trigonometry

SCIENCE:
Physics:-
Chapter- Reflection of Light
Curved surfaces (spherical mirrors)
Images formed by spherical mirrors
Centre of curvature, principal axis, focus, focal length
Mirror formula (no derivation)
Magnification
Refraction of Light
Laws of refraction
Refractive index
Refraction through spherical lenses
Image formation
Lens formula (no derivation)
Magnification
Power of a lens

Chapter- Human Eye
Working of the human eye
Defects of vision and their correction

Prism and Light Dispersion

Refraction through a prism

Dispersion of light

Scattering of light

Applications in daily life (excluding color of the sun at sunrise and sunsets

Chemistry -

1. Chemical reactions and Equations
2. Acid,Bases and Salts

Biology:

1. Life processes (Nutrition, Respiration, Transportation and Excretion)
2. Control and coordination in animals.

SOCIAL SCIENCE :

History :1.The Rise of Nationalism in Europe

2.Nationalism in India

3 Global world...:Till 1.3

Democratic Politics:

1.Power Sharing

2.Federalism

Geography

Chapter 1: Resources and Development

Chapter 2: Forest and Wildlife Resources

Chapter 3: Water Resources

Economics

Chapter 1: Development

Chapter 2: Sectors of the Indian Economy

COMPUTER APPLICATIONS:

- HTML • Introduction to web page designing using
- HTML tags: html, head, title, body, (attributes: text, background, bgcolor, link, vlink, alink), br (break), hr(horizontal rule)
- inserting comments, h1..h6 (heading),
- p (paragraph), b (bold), i (italics), u (underline),

- ul (unordered list), ol (ordered list), and li (list item).
- Description lists: dl, dt and dd. Attributes of ol (start, type), ul (type). •
- Font tags (attributes: face, size, color). •
- Insert images: img (attributes: src, width, height, alt),
- sup (super script), sub (subscript).
- HTML Forms: Textbox, radio buttons, checkbox, password, list, combobox.