

HALF YEARLY SYLLABUS

CLASS 10

BIOLOGY

1. Absorption
2. Transportation
3. Endocrine
4. Circulatory System
5. Excretory System
6. Nervous System
7. Sensory Organs
8. Photosynthesis
9. Structure of chromosomes
10. Introduction to genetics

GEOGRAPHY

1. Climate of India
2. Soils of India
3. Natural Vegetation of India
4. Water Resources of India
5. Minerals of India
6. Conventional Sources of Energy
7. Non-Conventional Sources of Energy
8. Transport in India

MAPS: TO BE IDENTIFIED

- a) Rivers
- b) Distribution of Minerals

TO BE MARKED

- a) Water Bodies of India
- b) Direction of Winds
- c) Soils Distribution
- d) Mountains, Peaks and Plateaus of India

SURVEY SHEET

Location, Area, Distance, Scales and Contours

ECONOMIC APPLICATIONS

1. Demand – Law of Demand and Determinants of Demand
2. Supply – Law of Supply and Determinants of Supply
3. Elasticity of Demand and Supply
4. Factors of Production – Land and Labour
5. Factors of Production – Capital and Entrepreneur
6. Forms of Market
7. The Role of State in Economic Development

PHYSICS

1. Force
2. Work, Power and Energy
3. Machines
4. Refraction of Light Through Plane Surfaces
5. Refraction of Light Through a Lens
6. Spectrum
7. Sound

HISTORY

- 1) The First War of Independence, 1857
- 2) Growth of Nationalism
- 3) First Phase of the Indian National Movement
- 4) Second Phase of the Indian National Movement
- 5) The Muslim League
- 7) The First World War
- 8) Rise of Dictatorships

CIVICS

- 1) The Union Parliament – I
- 2) The Union Parliament – II

ART

1. Imaginative Composition
2. Nature Study

CHEMISTRY

1. Periodic Table
2. Chemical Bonding
3. Acids, Bases and Salts
4. Analytical Chemistry
5. Hydrochloric Acid
6. Ammonia
7. Nitric Acid
8. Sulphuric Acid

HINDI LITERATURE

गद्य

भेड़ें और भेड़िये

काव्य

स्वर्ग बना सकते हैं

चलना हमारा काम है

पुनरावृत्ति

भीड़ में खोया आदमी, बड़े घर की बेटी, साखी (कबीरदास), भिक्षुक

Unit 1 का समस्त पाठ्यक्रम

HINDI LANGUAGE

प्रस्ताव

पत्र लेखन

अपठित गद्यांश

व्याकरण कार्य

MATHEMATICS

1. Goods and Service Tax
2. Banking
3. Shares and Dividends

4. Linear Inequations
5. Quadratic Equations
6. Factorisation
7. Proportion
8. Matrices
9. Arithmetic and Geometric Progressions
10. Reflection
11. Section Formula
12. Equation of a Straight Line
13. Statistics

ENGLISH LANGUAGE

COMPOSITION:

Descriptive

Narrative

Argumentative

Story Writing

Picture Composition

Informal, Formal Letter Writing

Notice, E-mail Writing

FUNCTIONAL GRAMMAR:

Prepositions

Verbs

Synthesis of Sentences

Transformation of Sentences

Comprehension Exercise and Precis Writing

ENGLISH LITERATURE

Julius Caesar

Act III Scenes 1,2,3

Act IV Scenes 1,2

Haunted Houses
The Glove and the Lion
When Great Trees Fall

With the Photographer
The Elevator
The Girl Who Can

PHYSICAL EDUCATION

1. Physical education.
 2. Body types.
 3. Physical fitness.
- Game. Basketball. Page.213 to229.page.
Volleyball. Page 249.to264.page.

COMPUTER APPLICATIONS

1. Revision of class 9 syllabus
2. Arrays
3. String handling
4. Library classes
5. Encapsulation
6. Constructors