

Half Yearly Examination Syllabus 2022-23

Hindi:

क्षितिज-: गद्य- दो बैलों की कथा, लहासा की ओर, उपभोक्तावाद की संस्कृति
पद्य- : कबीर की साखियां व सबद, वाख सवैया
कृतिका-: इस जल प्रलय मे
व्याकरण: - अपठित गद्यांश/पद्यांश , उपसर्ग प्रत्यय, वाक्य के आधार पर वाक्य भेद,
समास, अलंकार
लेखन:- लघु कहानी, संवाद लेखन, पत्र लेखन, अनुच्छेद लेखन

English:

Section A
2 unseen passages (one factual one discursive)
Section B
Diary Entry
Letter to Editor
Story writing
Gap - filling exercises
Editing error
Jumbled sentences
Section C
The fun they had
The sound of music part 1 & 2
The Little Girl
My childhood
The Road not Taken
Rain on the roof
Wind
The Lost Child
Adventures of Toto
Iswaran the Storyteller
In the Kingdom of Fools
The Happy Prince

Maths

Number System
Polynomials
Linear Equations
Coordinate Geometry
Euclid's Geometry
Heron's Formula
Statistics

Science:

Physics*

Unit III

Motion : Distance and displacement, velocity; uniform and non-uniform motion along a straight line; acceleration, distance-time and velocity-time graphs for uniform motion and uniformly accelerated motion, elementary idea of uniform circular motion.

Force and Newton's laws : *Force and Motion, Newton's Laws of Motion, Action and Reaction forces, Inertia of a body, Inertia and mass, Momentum, Force and Acceleration. Gravitation : Gravitation; Universal Law of Gravitation, Force of Gravitation of the earth (gravity), Acceleration due to Gravity; Mass and Weight; Free fall.

Chemistry

Unit I: Matter-Nature and Behaviour

Definition of matter; solid, liquid and gas; characteristics - shape, volume, density; change of state melting (absorption of heat), freezing, evaporation (cooling by evaporation), condensation, sublimation.

Nature of matter:

Elements, compounds and mixtures. Heterogeneous and homogeneous mixtures, colloids and suspensions. Physical and chemical changes (excluding separating the components of a mixture).

Biology

Unit II: Organization in the Living World

Cell - Basic Unit of life:

Cell as a basic unit of life; prokaryotic and eukaryotic cells, multicellular organisms; cell membrane and cell wall, cytoplasm, solutions, cell organelles and cell inclusions;

plastids, mitochondria, vacuoles, endoplasmic reticulum, Golgi apparatus; nucleus, lysosome, ribosome, centrosome, cell division, chromosomes - basic structure, number.

Tissues

Structure and functions of plant tissues (Meristematic and Permanent tissues in plants).

Social .Science:

Geography :

1. India Size and Location
2. Physical features of India
3. Drainage

Economics

1. Village Palampur
2. People as a resource

History:

1. The French Revolution

Civics:

1. What is democracy? Why democracy?
2. Constitutional Design
3. Electoral Politics

Computer:

- Computer System-Characteristics of computer
- CPU and its components
- Input and output devices
- Memory and storage devices
- Spreadsheets-basic terms
- Formula and functions
- Cell referencing
- Charts-components of charts and types_of charts