



**STEPHENS INTERNATIONAL
PUBLIC SCHOOL**

TERM 1 – SYLLABUS

CLASS IX (2021 – 22)

ENGLISH

Reading-

Question based on the following kinds of unseen passages to assess inference, evaluation, vocabulary, analysis and interpretation:

1. Discursive passage (400-450 words)
2. Case based Factual passage (with visual input/ statistical data/ chart etc. 200-250 words)

Writing-

1. Descriptive paragraph (Person)
2. Short Story (based on beginning line, outline, cues etc.)

Grammar

1. Tenses
2. Subject-Verb Concord
3. Modals
4. Determiners
5. Reported Speech
6. Commands and Requests
7. Statements
8. Questions

Literature

Questions based on extracts / texts to assess interpretation, inference, extrapolation beyond the text and across the texts.

Moments

1. The Lost Child
2. The Adventures of Toto
3. In the Kingdom of Fools
4. The Happy Prince

Beehive Prose

1. The Fun They Had
2. The Sound of Music
3. The Little Girl
4. A Truly Beautiful Mind
5. My Childhood

Poems-

1. The Road Not Taken
2. Wind
3. Rain on the Roof
4. A Legend of the Northland

कक्षा 9वीं हिंदी 'ब'-परीक्षाओं हेतु पाठ्यक्रम विनिर्देशन 2021 -22 प्रथम सत्र

| | विषयवस्तु | उपभार | कुलभार |
|---|--|-------|--------|
| 1 | अपठित गद्यांश -चार अपठित गद्यांशों में से कोई दो गद्यांश करने होंगे (200-250 शब्दों के) 2 गद्यांश (1अंक x 5 प्रश्न) (चिंतन क्षमता एवं अभिव्यक्ति कौशल पर बहुविकल्पात्मक प्रश्न पूछे जाएंगे) | | 10 |
| 2 | व्याकरण :पाठ्यपुस्तक में दिए गए भाषा-अध्ययन के आधार पर बहुविकल्पात्मक प्रश्न (1 अंक x16 प्रश्न) | | 16 |
| | i शब्द और पद (2 अंक) | 02 | |
| | ii अनुस्वार (1 अंक), अनुनासिक (1 अंक) | 02 | |
| | iii उपसर्ग (2 अंक), प्रत्यय (2 अंक) | 04 | |
| | iv शब्द-विचार -श्रुतिसम भिन्नार्थक शब्द - 2; पर्यायवाची - 2; विलोम - 2 | 06 | |
| | v अर्थ की दृष्टि से वाक्य भेद (2 अंक) | 02 | |
| 3 | पाठ्य पुस्तक स्पर्श भाग - 1 | | 14 |
| | अ गद्य खंड- दो पठित गद्यांशों पर पाँच-पाँच बहुविकल्पी प्रश्न। | 10 | |
| | ब काव्य खंड -पठित पद्यांश पर चार बहुविकल्पी प्रश्न। | 04 | |
| 4 | आंतरिक मूल्यांकन | 10 | 10 |
| | अ सामयिक आकलन | 2.5 | |
| | ब बहुविध आकलन | 2.5 | |
| | स पोर्टफोलियो | 2.5 | |
| | द श्रवण एवं वाचन | 2.5 | |
| | कुल | | 50 |

पाठ्यपुस्तक स्पर्श भाग -1 सत्र -1 2021-22 में निम्नलिखित पाठ सम्मिलित किए गए हैं –

| गद्य - खंड | काव्य - खंड |
|---|--|
| यशपाल - दुःख का अधिकार | रैदास - अब कैसे लूटे राम ,नाम... - ऐसी लाल तुझ बिनु ... |
| बचेंद्री पाल - एवरेस्ट : मेरी शिखर यात्रा | रहीम - दोहे |

MATHEMATICS

UNIT- NUMBER SYSTEMS

1. NUMBER SYSTEM

Review of representation of natural numbers, integers, and rational numbers on the number line. Rational numbers as recurring/ terminating decimals. Operations on real numbers.

1. Examples of non-recurring/non-terminating decimals. Existence of non-rational numbers (irrational numbers) such as, $\sqrt{2}, \sqrt{3}$ and their representation on the number
2. Rationalization (with precise meaning) of real numbers of the type $1a+b\sqrt{x}$ and $1\sqrt{x}+\sqrt{y}$ (and their combinations) where x and y are natural number and a and b are integers.
3. Recall of laws of exponents with integral powers. Rational exponents with positive real bases (to be done by particular cases, allowing learner to arrive at the general laws.)

UNIT- ALGEBRA

2. LINEAR EQUATIONS IN TWO VARIABLES

Recall of linear equations in one variable. Introduction to the equation in two variables. Focus on linear equations of the type $ax + by + c = 0$. Explain that a linear equation in two variables has infinitely many solutions and justify their being written as ordered pairs of real numbers, plotting them and showing that they lie on a line. Graph of linear equations in two variables. Examples, problems from real life with algebraic and graphical solutions being done simultaneously

UNIT- COORDINATE GEOMETRY

3. COORDINATE GEOMETRY

The Cartesian plane coordinates of a point, names and terms associated with the coordinate plane, notations, plotting points in the plane.

UNIT- GEOMETRY

4. LINES AND ANGLES

1. (Motivate) If a ray stands on a line, then the sum of the two adjacent angles so formed is 180° and the converse.
2. (Prove) If two lines intersect, vertically opposite angles are equal.
3. (Motivate) Results on corresponding angles, alternate angles, interior angles when a transversal intersects two parallel lines.
4. (Motivate) Lines which are parallel to a given line are parallel.
5. (Prove) The sum of the angles of a triangle is 180° .

6. (Motivate) If a side of a triangle is produced, the exterior angle so formed is equal to the sum of the two interior opposite angles.

5. TRIANGLES

1. (**Motivate**) Two triangles are congruent if any two sides and the included angle of one triangle is equal to any two sides and the included angle of the other triangle (SAS Congruence).
2. (**Motivate**) Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the included side of the other triangle (ASA Congruence).
3. (**Motivate**) Two triangles are congruent if the three sides of one triangle are equal to three sides of the other triangle (SSS Congruence).
4. (**Motivate**) Two right triangles are congruent if the hypotenuse and a side of one triangle are equal (respectively) to the hypotenuse and a side of the other triangle. (RHS Congruence)
5. (**Prove**) The angles opposite to equal sides of a triangle are equal.
6. (**Motivate**) The sides opposite to equal angles of a triangle are equal.
7. (**Motivate**) The sides opposite to equal angles of a triangle are equal.

UNIT- MENSURATION

6. HERON'S FORMULA

Area of a triangle using Heron's formula (without proof)

UNIT-STATISTICS & PROBABILITY

7. STATISTICS

Introduction to Statistics: Collection of data, presentation of data — tabular form, ungrouped / grouped, bar graphs, histograms

SOCIAL SCIENCE

Unit 1: India and the Contemporary World – I

I. The French Revolution

- French Society during the late Eighteenth century
- The Outbreak of the Revolution
- France abolishes Monarchy and
- Becomes a Republic
- Did Women have a Revolution?
- The Abolition of Slavery
- The Revolution and Everyday Life

Unit 2: Contemporary India – I

1. India

- Size and Location
- India and the World
- India's Neighbours

2. Physical Features of India

- Major Physiographic Divisions

Unit 3: Democratic Politics – I

1. What is Democracy? Why Democracy?

- What is Democracy?
- Features of Democracy
- Why Democracy?
- Broader Meaning of Democracy

2. Constitutional Design

- Why do we need a Constitution?
- Making of the Indian Constitution
- Guiding Values of the Indian
- Constitution

Unit 4: Economics

The Story of Village Palampur

- Overview
- Organization of production
- Farming in Palampur
- Non-farm activities of Palampur

2. People as Resource

- Overview
- Economic activities by men and women
- Quality of Population
- Unemployment

LIST OF MAP ITEMS

SUBJECT - HISTORY

Chapter-1: The French Revolution

- Outline Political Map of France
- Bordeaux
- Nantes
- Paris
- Marseilles

SUBJECT – GEOGRAPHY

Chapter -1: India-Size and Location

- India-States with Capitals, Tropic of Cancer, Standard Meridian

Chapter -2: Physical Features of India

- **Mountain Ranges:** The Karakoram, The Zansker, The Shivalik, The Aravali, The Vindhya,
- The Satpura, Western & Eastern Ghats
- **Mountain Peaks** – K2, Kanchan Junga, Anai Mudi
- **Plateau** - Deccan Plateau, Chotta Nagpur Plateau, Malwa Plateau
- **Coastal Plains** - Konkan, Malabar, Coromandel & Northern Circar

SCIENCE

Theme: Materials

Unit I: Matter- its Nature and Behaviour

Chapter – 2 Is matter around us Pure

Nature of matter:

Elements, compounds and mixtures. Heterogeneous and homogeneous mixtures, colloids and suspensions.

Theme: The World of the Living

Unit II: Organization in the Living World

Chapter – 5 The Fundamental Unit of Life

Cell - Basic Unit of life: Cell as a basic unit of life; prokaryotic and eukaryotic cells, multicellular organisms; cell membrane and cell wall, cell organelles and cell inclusions; chloroplast, mitochondria, vacuoles, endoplasmic reticulum, Golgi apparatus; nucleus, chromosomes - basic structure, number.

Chapter – 6 Tissues

Tissues, Organs, Organ System, Organism:

Structure and functions of animal and plant tissues (only four types of tissues in animals; Meristematic and Permanent tissues in plants).

Theme: Moving Things, People and Ideas

Unit III: Motion, Force and Work

Chapter – 8 Motions

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, derivation of equations of motion by graphical method; elementary idea of uniform circular motion.

Chapter – 9 Force and Laws of 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. Elementary idea of conservation of Momentum.

INFORMATION TECHNOLOGY

PART A – Employability Skills

Unit 1: Communication Skills-I

Unit 2: Self-Management Skills-I

Unit 3: ICT Skills-I

PART B – Subject Specific Skills

Unit 1: Introduction to IT- ITeS industry

Unit 2: Data Entry & Keyboarding Skills

Unit 3: Digital Documentation