

SHIVALIK PUBLIC SCHOOL
SYLLABUS
CLASS X (2020-21)

SYLLABUS
ENGLISH LANGUAGE AND LITERATURE (Code No. 184)
CLASS – X (2020-21)
SECTION - WISE WEIGHTAGE

Sections	
A	Reading Skills (40 periods)
B	Writing Skills with Grammar (40 periods)
C	Literature Textbooks and Supplementary Reading Text(50 periods)
	TOTAL

PART A

Reading

20Marks

- I. Multiple Choice Questions based on a Discursive passage of 400-450 words to test inference, evaluation and vocabulary. Ten out of twelve questions to be answered. **(10x1=10)**
- II. Multiple Choice Questions based on a Case-based factual passage (with visual input-statistical data, chart etc.) of 300-350 words to test analysis and interpretation. Ten out of twelve questions to be answered. **(10x1=10)**
- (Total length of two passages to be 700-750 words).**

Literature Textbooks

10 Marks

2. Multiple Choice Questions based on an extract from drama/prose to test inference, evaluation and vocabulary. Any 1 out of 2 extracts to be done. **(5x1=5)**

- IV. Multiple Choice Questions based on an extract from poetry to test analysis and interpretation. Any 1 out of 2 extracts to be done **(5x1=5)**

Grammar

10 Marks

- V. Ten Multiple Choice Questions, out of twelve, to be answered. Questions shall be based on the following

3. Tenses
Modals
Subject – verb concord
Reported speech
Commands and requests
Statements
Questions
4. Determiners

PART B – Subjective Questions (40 marks)

Writing

10 Marks

I. Formal letter (word limit 100-120 words) based on a given situation. One out of two questions is to be answered. **5 marks**

• Writing an analytical paragraph (word limit 100-120 words) based on a given outline/ Data/ Chart/ Cue/s .One out of two questions is to be answered. **5 marks**

Literature Marks

30

• **Four out of six** Short Answer Type Questions to be answered in 20-30 words each from FIRST FLIGHT and FOOTPRINTS WITHOUT FEET (two out of three from FIRST FLIGHT and two out of three from FOOTPRINTS WITHOUT FEET). **2x4=8 marks**

IV. **Four out of six** Short Answer Type Questions to be answered in 40-50 words each from FIRST FLIGHT and FOOTPRINTS WITHOUT FEET (two out of three from FIRST FLIGHT and two out of three from FOOTPRINTS WITHOUT FEET). **3x4=12 marks**

V. **One out of two** Long Answer Type Questions from FIRST FLIGHT to be answered in about 100-120 words each to assess creativity, imagination and extrapolation beyond the text and across the texts. This can be a passage-based question taken from a situation/plot from the texts. **5 marks**

VI. **One out of two** Long Answer Type Questions from FOOTPRINTS WITHOUT FEET on theme or plot involving interpretation, extrapolation beyond the text and inference or character sketch to be answered in about 100-120 words. **5 marks**

Prescribed Books: Published by NCERT, New Delhi

1. **FIRST FLIGHT – Text for Class X**

2. **FOOTPRINTS WITHOUT FEET – Supplementary Reader for Class X**

3. **WORDS AND EXPRESSIONS – II (WORKBOOK FOR CLASS X)**

Periodic Assessment		
One Paper	1 hour	Marks:20
Section	Area of Learning	Marks specified
Part A	Reading Unseen Passages	4
	MCQs based on extracts from text	2
	Grammar	2
Part B	Writing Skills	3
	Textual Questions	1*2 + 2*2=6
	Long answer	3

Annual Assessment		
One Paper	3 hours	Marks: 80
Section	Area of Learning	Marks specified
Part A	Reading Unseen Passages (2)	10+10 =20
	Multiple Choice from Literature (based on prose, poetry extracts)	5+5=10
	MCQs Grammar	10
	Part B Writing Skills	5+5=10
Textual Questions	Literature Reader- First Flight	8+12+5+5 =30
	Suppl. Reader -Footprints without Feet	

UNIT 1

Literature Reader-

F1- A Letter to God

Key Words- dotted, downpour, affixed, locusts, amiable

P1a)- Dust of snow

Key Words- hemlock, shook, rued

P1b)- Fire and Ice

Key Words – perish, suffice, avarice, rigidity

Supplementary Reader

Ch-1-A Triumph of Surgery

Key Words-rheumy, swooned, sloped, whimper, scrimmages

Words and Expressions Ch 1 - A Letter to God

Writing section: Letter of inquiry

Grammar : Tenses, determiners

Activity : Listening task , Reading Comprehension, e-mail writing

UNIT 2

Literature Reader-

F2- Nelson Mandela: Long Walk to Freedom

Keywords-inhumane, besieged, chevron, brutality, grimmest

P2-A Tiger in the Zoo

Key Words- vivid, lurking, patrolling baring, fangs, snarling

Supplementary Reader

Ch-2-The Thief's Story

Key Words- grunting, unlined, crept ,modestly, drizzle

Words and Expressions Ch 2 - Nelson Mandela: Long Walk to Freedom

Writing section: Formal letter

Grammar : Subject-verb agreement

Activity : Speech on 'True liberty is freedom from poverty , deprivation and discrimination'

UNIT 3

Literature Reader-

F3- Two Stories about Flying

Key Words- expanse, beckoning, muster up, desperate, cackle, plaintively

P3b)-The Ball Poem

Key Words- rigid, intrude, epistemology, dime

Words and Expressions Ch 3 -Two Stories about Flying

Writing section: Letter writing-placing order, letter to the editor

Grammar : Reported speech

Activity :Speaking Activity

:Presentation- 'Progression of models of Airplanes' or 'Migratory Birds-
Tracing Their Flights'

Grammar activity based on reported speech

UNIT 4

Literature Reader-

F4-From the Diary of Anne Frank

Key Words- persecutions, contrary, intimate, renowned, confide

P4- Amanda

Key words- slouching, sole, languid, tranquil, nagged, sulking

Supplementary Reader

Ch-5 Footprints Without Feet

Key Words- brimming, whiskers, wagging, clergymen, witchcraft

Words and Expressions Ch 4- From the Diary of Anne Frank

Writing section: Formal letter on a given situation, Analytical paragraph based on Data

Grammar: Integrated grammar practice, MCQs-Dialogue Writing

Activity : Practice of listening skills

:Writing of Diary entry

UNIT 5

Literature Reader-

F5- The Hundred Dresses –I

Key Words- nudge, hopscotch, courteous, exaggerated, exquisite

F6-The Hundred Dresses - II

Key Words- deliberately, coward, pretended, equalise

P6- Animals

Key words- kneel, negligently, placid, demented

Words and Expressions Ch 5 & 6- The Hundred Dresses –I & II

Writing section: Letter of complaint, Analytical paragraph based on map

Grammar : Modals

Activity : Role play on a given situation (Group activity) ,Article writing

UNIT 6

Literature Reader

F7-Glimpses of India

Key Words- loaf, rebuke, parapet, commences, laidback, dwarfing

Supplementary Reader

Ch-6 The Making of a Scientist

Key Words- mounting, equipment, monarch, entomology ,canoeist

Words and Expressions Ch 7 Glimpses of India

Writing section: Formal letter based on a given situation, Analytical paragraph based on chart

Grammar :Integrated Grammar Practice

Activity : Brochure on Goa/Coorg/Assam

: Draft an advertisement for a tea brand

UNIT 7

Supplementary Reader

Ch-7 The Necklace

Key Words-incessantly, despair, spitefully, intoxicated, dismay

Writing section: Formal letter

Grammar : Tenses

Activity : Practice of listening skills

Description of an animal you love.

UNIT 8

Literature Reader-

F9-Madam Rides the Bus

Key Words- wistfully, discreet, kindle, haughtily, repulsive

P9- The Tale of Custard the Dragon

Key words-wagon, spikes, strategically, flustered, squirm

Supplementary Reader

Ch-8 The Hack Driver

Key Words- summons, pursued, poker, hack, earnestly

Words and Expressions Ch 9 Madam Rides the Bus

Writing section: Analytical paragraph based on an outline

Grammar : Integrated grammar practice, Dialogue Writing

Activity : Practice of speaking skills- A Memorable Trip, Speech Writing

UNIT 9

Literature Reader-

F10-The Sermon at Benares

Key Words-lamentation, desolation, slaughter, afflicted, mortals

Supplementary Reader

Ch-9 Bholi

Key Words-triumphed, scurried, throbbing, astonished , envious

Words and Expressions Ch 10 The Sermon at Benares

Writing section : Analytical paragraph based on cues

Grammar : Determiners

Activity : Practice of speaking skill-Importance of Women Education ,Story writing

UNIT 10

Literature Reader-

F11- The Proposal

Key words- petty, awfully, palpitations, reckoned, excruciating ,embezzlement

Words and Expressions Ch 11 The Proposal

Writing section :Formal letter

Grammar :Reported Speech , MCQs -Dialogue Writing

Activity : Practice of listening and speaking skills

Speech – Anger Management

SCIENCE (CODE NO. 086)

The subject of Science plays an important role in developing well-defined abilities in cognitive, affective and psychomotor domains in children. It augments the spirit of enquiry, creativity, objectivity and aesthetic sensibility.

Upper primary stage demands that a number of opportunities should be provided to the students to engage them with the processes of Science like observing, recording observations, drawing, tabulation, plotting graphs, etc., whereas the secondary stage also expects abstraction and quantitative reasoning to occupy a more central place in the teaching and learning of Science. Thus, the idea of atoms and molecules being the building blocks of matter makes its appearance, as does Newton's law of gravitation.

The present syllabus has been designed around seven broad themes viz. Food; Materials; The World of The Living; How Things Work; Moving Things, People and Ideas; Natural Phenomenon and Natural Resources. Special care has been taken to avoid the temptation of adding too many concepts that can be comfortably learnt in the given time frame. No attempt has been made to be comprehensive.

At this stage, while science is still a common subject, the disciplines of Physics, Chemistry and Biology being to emerge. The students should be exposed to experiences based on hands-on activities as well as modes of reasoning that are typical of the subject.

General Instructions:

1. There will be an Annual examination based on entire syllabus

2. The annual examination will be of 80 marks and 20 marks weightage shall be for internal assessment

3. The components of Internal Assessment would be:

- a. There will be Periodic Assessment that would include:
- For 5 marks- Three periodic tests conducted by the school. Average of the best two tests to be taken that will have a weightage of 05 marks towards the final result.
 - For 5 marks- Diverse methods of assessment as per the need of the class dynamics and curriculum transaction. These may include - short tests, oral tests, quiz, concept maps, projects, posters, presentations, enquiry based scientific investigations etc. This will also have a weightage of 05 marks towards the final result.
- b. Subject Enrichment in the form of Practical / Laboratory work should be done throughout the year and the student should maintain a record of the same. Practical Assessment should be continuous. There will be a weightage of 5 marks towards the final result. All practicals listed in the syllabus must be completed.
- c. Portfolio to be prepared by the student- This would include classwork and other sample of student work and will carry a weightage of 5 marks towards the final results.

COURSE STRUCTURE: CLASS X

(ANNUAL EXAMINATION)

Unit No.	Unit	Marks
I	Chemical Substances-Nature and Behaviour	26
II	World of Living	23
III	Natural Phenomena	12
IV	Effects of Current	14
V	Natural Resources	05
	Total	80
	Internal assessment	20
	Grand Total	100

UNIT-I:

- 1. Chemical reactions and equations:** Chemical equation-forms and balancing.

- 2. Light reflection and refraction-** 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.

Practical: Determination of the focal length of:

- i) Concave mirror
- ii) Convex lens

By obtaining the image of a distant object.

3. Life processes: Nutrition in plants and animals, respiration **Practical** – Experimentally show that carbon dioxide is given out during respiration.

UNIT-II:

1. Chemical reactions and equations.

Types of chemical reactions: Combination, decomposition, displacement, double displacement, precipitation, neutralization, oxidation and reduction.

PRACTICAL: 1. Performing and observing the following reactions and classifying them into:

- a) Combination reaction
- b) Decomposition reaction
- c) Displacement reaction
- d) Double displacement reaction
 - (i) Action of water on quick lime
 - (ii) Action of heat on ferrous sulphate crystals.
 - (iii) Iron nails kept in copper sulphate solution.
 - (iv) Reaction between sodium sulphate and barium chloride solutions

2. Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions: ZnSO_4 (aq)

FeSO_4 (aq)

CuSO_4 (aq)

$\text{Al}_2(\text{SO}_4)_3$ (aq)

Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.

2. Light-reflection and refraction-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.

Practical-

Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of

incidence, angle of refraction, angle of emergence and interpret the result.

3. **Life processes** -- Transportation & excretion in plants and animals

UNIT-III:

1. **Acids, bases and salts:** Their definitions in terms of furnishing of H⁺ and OH⁻ ions, General properties, examples.

PRACTICAL: Studying the properties of acids and bases (HCl & NaOH) by their reaction with:

- a) Litmus solution (Blue/Red)
- b) Zinc metal
- c) Solid sodium carbonate

2. **Human eye and the colourful world-** refraction of light through a glass prism, dispersion of light, rainbow formation.

PRACTICAL- Tracing the path of the rays of light through a glass prism.

3. **Our Environment-** Eco-system Ozone depletion, waste production and their solutions.

UNIT IV:

1. **Acids, bases and salts-** Uses concept of pH scale (Definition relating to logarithm not required), importance of pH in everyday life

PRACTICAL: Finding the pH of the following samples by using pH paper / universal indicator:

- a) Dilute Hydrochloric Acid
- b) Dilute NaOH solution
- c) Dilute Ethanoic Acid Solution
- d) Lemon juice
- e) Water
- f) Dilute Hydrogen Carbonate solution

2. **Human eye and the colourful world-** atmospheric refraction, scattering of light, applications in daily life.

3. **Our Environment-**, Environmental problems, Biodegradable and non-biodegradable substances.

UNIT V-

1. **Acids bases and salts.** Preparation and uses of Sodium Hydroxide, Bleaching powder, Baking soda, Washing soda and Plaster of Paris.

2. **Revision-Light**

3. **Revision** -Life processes and Environment

UNIT VI:

1. **Metals and nonmetals:**

Properties of metals and non-metals; Reactivity series.

- 2. Electricity-** Electric current, potential difference and electric current. Ohm's law; Resistance, resistivity, Factors on which the resistance of a conductor depends.
PRACTICAL- Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determining its resistance. Also plotting a graph between V and I.
- 3. How do organisms reproduce:** Reproduction in animals and plants (asexual and sexual).

UNIT VII:

1. Metals and non-metals:

Formation and properties of ionic compounds.

- 2. Electricity-** Series combination of resistors, parallel combination of resistors and its applications in domestic electric circuits.

PRACTICAL- Determination of the equivalent resistance of two resistors when connected in series and parallel.

- 3. How do organisms reproduce:** Reproductive health, need for reproductive health and methods of family planning Safe sex vs HIV/AIDS. Child bearing and women's health

UNIT VIII:

- 1. Carbon compounds :-** Covalent bonding in carbon compounds. Versatile nature of carbon. Homologous series.
- 2. Electricity-** heating effect of electric current, practical applications of heating effect of current, electric power.
- 3. Heredity and evolution-:** -Heredity; Mendel's contribution- Laws for inheritance of traits, sex determination: brief introduction.

UNIT IX

1. Periodic classification of elements:

Need for classification, early attempts at classification of elements (Dobereiner's Triads, Newland's Law of Octaves, and Mendeleev's Periodic Table)

- 2. Magnetic effects of current-** magnetic field and field lines, magnetic field due to current carrying conductor- straight conductor, circular loop and solenoid.
- 3. Heredity and evolution-:** - Sex determination: brief introduction

UNIT X

1. Periodic classification of elements

Modern periodic table, gradation in properties, valency, atomic number, metallic and non-metallic properties.

- 2. Magnetic effects of current-** Force on a current carrying conductor in a magnetic field, electric motor, electromagnetic induction.

3. ONLY FOR INTERNAL ASSESSMENT

They can be encouraged to prepare a brief write up on any one concept of this Unit in their Portfolio. This may be an assessment for Internal Assessment and credit may be given (Periodic **assessment/Portfolio**). **This portion of the Unit is not to be assessed in the year-end examination.**
Management of natural resources. Conservation and judicious use of natural resources. Forest and wildlife; Coal and Petroleum conservation.

Examples of people's participation for conservation of natural resources. Big dams: advantages and limitations; alternatives, if any. Water harvesting. Sustainability of natural resources.

ASSESSMENT AREAS (THEORY) 2020-21 (CLASS X) SCIENCE (086)

TIME: 3 HRS.

MAXIMUM MARKS: 80 MARKS

COMPETENCIES	
Demonstrate Knowledge and Understanding	46%
Application of Knowledge/Concepts	22%
Analyze, Evaluate and Create	32%

• TYPOLOGY OF QUESTIONS:

VSA including objective type questions, Assertion – Reasoning type questions; SA; LA; Source-based/ Case-based/ Passage-based/ Integrated assessment questions.

- An internal choice of approximately 33% would be provided.

INTERNAL ASSESSMENT (20 Marks)

- Periodic Assessment - 05 marks + 05 marks
- Subject Enrichment (Practical Work) - 05 marks
- Portfolio - 05 marks

SUGGESTIVE VERBS FOR VARIOUS COMPETENCIES

- Demonstrate Knowledge and Understanding State, name, list, identify, define, suggest, describe, outline, summarize, etc.
- Application of Knowledge/Concepts Calculate, illustrate, show, adapt, explain, distinguish, etc.
- Analyze, Evaluate and Create Interpret, analyze, compare, contrast, examine, evaluate, discuss, construct, etc.

MATHEMATICS (X)

**(MATHEMATICS STANDARD CODE - 041// BASIC CODE- 241)
SESSION- (2020-21)**

The Syllabus in the subject of Mathematics has undergone changes from time to time in accordance with growth of the subject and emerging needs of the society. The present revised syllabus has been designed in accordance with National Curriculum Framework 2005 and as per guidelines given in the Focus Group on Teaching of Mathematics which is to meet the emerging needs of all categories of students. For motivating the teacher to relate the topics to real life problems and other subject areas, greater emphasis has been laid on applications of various concepts.

The curriculum at Secondary stage primarily aims at enhancing the capacity of students to employ Mathematics in solving day-to-day life problems and studying the subject as a separate discipline. It is expected that students should acquire the ability to solve problems using algebraic methods and apply the knowledge of simple trigonometry to solve problems of height and distances. Carrying out experiments with numbers and forms of geometry,

framing hypothesis and verifying these with further observations form inherent part of Mathematics learning at this stage. The proposed curriculum includes the study of number system, algebra, geometry, trigonometry, mensuration, statistics, graphs and coordinate geometry, etc.

The teaching of Mathematics should be imparted through activities which may involve the use of concrete materials, models, patterns, charts, pictures, posters, games, puzzles and experiments.

Objectives

The broad objectives of teaching of Mathematics at secondary stage are to help the learners to:

- consolidate the Mathematical knowledge and skills acquired at the upper primary stage
- acquire knowledge and understanding, particularly by way of motivation and visualization, of basic concepts, terms, principles and symbols and underlying processes and skills
- develop mastery of basic algebraic skills
- develop drawing skills
- feel the flow of reason while proving a result or solving a problem
- apply the knowledge and skills acquired to solve problems and wherever possible, by more than one method
- to develop ability to think, analyze and articulate logically
- to develop awareness of the need for national integration, protection of environment, observance of small family norms, removal of social barriers, elimination of gender biases
- to develop necessary skills to work with modern technological devices and mathematical software's
- to develop interest in mathematics as a problem-solving tool in various fields for its beautiful structures and patterns, etc.
- to develop reverence and respect towards great Mathematicians for their contributions to the field of Mathematics
- to develop interest in the subject by participating in related competitions
- to acquaint students with different aspects of Mathematics used in daily life
- to develop an interest in students to study Mathematics as a discipline.

COURSE STRUCTURE CLASS -X

Units	Unit Name	Marks
I	NUMBER SYSTEMS	06
II	ALGEBRA	20
III	COORDINATE GEOMETRY	06
IV	GEOMETRY	15
V	TRIGONOMETRY	12
VI	MENSURATION	10
VII	STATISTICS & PROBABILITY	11
	Total	80

UNIT I

CHAPTER 1: REAL NUMBERS

(8)

Periods

KEY WORDS: Rational and irrational numbers, Fundamental Theorem of Arithmetic, Terminating and non-terminating recurring decimals.

CONTENTS: Fundamental Theorem of Arithmetic - statements after reviewing work done earlier and after illustrating and motivating through examples, Proofs of irrationality of $\sqrt{2}, \sqrt{3}, \sqrt{5}$. Decimal representation of rational numbers in terms of terminating/non-terminating recurring decimals.

UNIT II

CHAPTER 2: POLYNOMIALS (4)

Periods

KEY WORDS: Polynomial, Degree of polynomial, Constant polynomial, Linear polynomial, Quadratic polynomial, Cubic polynomial, Zero of a polynomial.

CONTENTS: Zeros of a polynomial. Relationship between zeros and coefficients of quadratic polynomials.

UNIT III

CHAPTER 3: PAIR OF LINEAR EQUATIONS IN TWO VARIABLES (11)

Periods

KEY WORDS: Linear Equation, Solution of linear equation, Consistent system, Inconsistent system, Substitution method, Elimination method,

CONTENTS: Pair of linear equations in two variables and graphical method of their solution, consistency/inconsistency.

Algebraic conditions for number of solutions. Solution of a pair of linear equations in two variables algebraically - by substitution, by elimination. Simple situational problems. Simple problems on equations reducible to linear equations.

CHAPTER 4: QUADRATIC EQUATIONS (10) **Periods**

KEY WORDS: Quadratic Equation, Zeroes or roots of quadratic equation, Discriminant, Nature of roots.

CONTENTS: Standard form of a quadratic equation, $ax^2 + bx + c = 0$, ($a \neq 0$). Solutions of quadratic equations (only real roots) by factorization, and by using quadratic formula. Relationship between discriminant and nature of roots.

UNIT IV

CHAPTER 5: ARITHMETIC PROGRESSIONS (4)

Periods

KEY WORDS: Progression, Arithmetic Progression, Common difference, Term, nth term of A.P., Sum of n terms of A.P.

CONTENTS: Motivation for studying Arithmetic Progression Derivation of the n^{th} term and sum of the first n terms of A.P.

UNIT V

CHAPTER 7: COORDINATE GEOMETRY (10) **Periods**

KEY WORDS: X-axis, Y axis, Origin, Point and its coordinates, Distance formula, Section formula, Midpoint formula, Centroid of triangle and its coordinates,

CONTENTS: LINES (In two-dimensions)

Review: Concepts of coordinate geometry, graphs of linear equations. Distance formula. Section formula (internal division).

CHAPTER 6: TRIANGLES

(10)

Periods

KEY WORDS: Triangle and its types, similar figures and similar triangles, Basic Proportionality Theorem, Pythagoras Theorem, Similarity Criterion (AA, SSS, SAS, AAA, RHS)

CONTENTS: Definitions, examples, counter examples of similar triangles.

1. (Prove) If a line is drawn parallel to one side of a triangle to intersect the other two sides in distinct points, the other two sides are divided in the same ratio.
2. (Motivate) If a line divides two sides of a triangle in the same ratio, the line is parallel to the third side.
3. (Motivate) If in two triangles, the corresponding angles are equal, their corresponding sides are proportional and the triangles are similar.
4. (Motivate) If the corresponding sides of two triangles are proportional, their corresponding angles are equal and the two triangles are similar.
5. (Motivate) If one angle of a triangle is equal to one angle of another triangle and the sides including these angles are proportional, the two triangles are similar.
6. (Motivate) If a perpendicular is drawn from the vertex of the right angle of a right triangle to the hypotenuse, the triangles on each side of the perpendicular are similar to the whole triangle and to each other.
7. (Prove) In a right triangle, the square on the hypotenuse is equal to the sum of the squares on the other two sides.

Unit VI

CHAPTER 8 : TRIGONOMETRY

(8) Periods

KEY WORDS: Trigonometric ratios, Complementary angles, Trigonometric Identities

CONTENTS: 1. INTRODUCTION TO TRIGONOMETRY

Trigonometric ratios of an acute angle of a right-angled triangle. Proof of their existence (well defined). Values of the trigonometric ratios of 30° , 45° and 60° . Relationships between the ratios.

2. TRIGONOMETRIC IDENTITIES

(10) Periods

Proof and applications of the identity $\sin^2 A + \cos^2 A = 1$. Only simple identities to be given.

CHAPTER 9: APPLICATIONS OF TRIGONOMETRY

HEIGHTS AND DISTANCES

(8)

Periods

KEY WORDS: Height, Distance, Line of sight, Angle of elevation, Angle of depression, Clinometer.

CONTENTS: : **Angle of elevation, Angle of Depression.**

Simple problems on heights and distances. Problems should not involve more than two right triangles. Angles of elevation / depression should be only 30° , 45° , 60° .

Unit VII

CHAPTER 10: CIRCLES

(8) Periods

KEY WORDS: Circle and its related terms, Secant, Tangent, Length of tangent, Interior and exterior of circle.

CONTENTS: Tangent to a circle at, point of contact

1. (Prove) The tangent at any point of a circle is perpendicular to the radius through the point of contact.

2. (Prove) The lengths of tangents drawn from an external point to a circle are equal.

CHAPTER 11: CONSTRUCTIONS

(4) Periods

KEY WORDS: Line segment, Acute angle, Similar triangle, Corresponding sides, Perpendicular bisector of chord, Tangent to circle.

CONTENTS: 1. Division of a line segment in a given ratio (internally).
2. Tangents to a circle from a point outside it.

Unit VIII

CHAPTER 12: AREAS RELATED TO CIRCLES

(10)

Periods

KEY WORDS: Segment of circle, Sector of circle, Concentric circles, Perimeter of circle, Length of arc, Areas of circle, semicircle, quadrant, sector, segment.

CONTENTS: Motivate the area of a circle; area of sectors and segments of a circle. Problems based on areas and perimeter / circumference of the above said plane figures. (In calculating the area of the segment of a circle, problems should be restricted to central angle of 60° and 90° only. Plane figures involving triangles, simple quadrilaterals and circle should be taken.)

Unit IX

CHAPTER 13: SURFACE AREAS AND VOLUMES

(8) Periods

KEY WORDS: Polyhedron, Cuboid, Cube, Cylinder, Cone, Sphere, Hemisphere, Spherical shell, hemispherical shell, Surface area and volume of each solid written above.

CONTENTS: 1. Surface areas and volumes of combinations of any two of the following: cubes, cuboids, spheres, hemispheres and right circular cylinders/cones.

2. Problems involving converting one type of metallic solid into another and other mixed problems. (Problems with combination of not more than two different solids be taken).

Unit X

CHAPTER 14: STATISTICS

(10) Periods

KEY WORDS: Data, Grouped, Data, Ungrouped, Data, Mean, Mode, Median.

CONTENTS: Mean, median and mode of grouped data (bimodal situation and step deviation method for finding the mean to be avoided).

CHAPTER 15: PROBABILITY

(10) Periods

KEY WORDS: Probability, Random experiment, Elementary Event, Sure Event, Impossible Event, Equally likely outcomes, Range of probability.

CONTENTS: Classical definition of probability. Simple problems on finding the probability of an event.

ACTIVITY: Ten lab activities based on NCERT mathematics class X

**MATHEMATICS-Standard
QUESTION PAPER DESIGN
CLASS – X (2020-21)**

Time : 3 Hours

Max. Marks: 80

S. No.	Typology of Questions	Total Marks	% Weightage (approx.)
1	Remembering: Exhibit memory of previously learned material by recalling facts, terms, basic concepts, and answers. Understanding: Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas	43	54
2	Applying: Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way.	19	24
3	Analysing : Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations Evaluating: Present and defend opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria. Creating: Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions	18	22
	Total	80	100

INTERNAL ASSESSMENT	20 MARKS
Pen Paper Test and Multiple Assessment (5+5)	10 Marks
Portfolio	05 Marks
Lab Practical (Lab activities to be done from the prescribed books)	05 Marks

MATHEMATICS-Basic
QUESTION PAPER DESIGN
CLASS – X (2020-21)

Time : 3Hours

Max. Marks: 80

S. No.	Typology of Questions	Total Marks	% Weightage (approx.)
1	Remembering: Exhibit memory of previously learned material by recalling facts, terms, basic concepts, and answers. Understanding: Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas	60	75
2	Applying: Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way.	12	15
3	Analysing : Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations Evaluating: Present and defend opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria. Creating: Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions	8	10
Total		80	100

INTERNAL ASSESSMENT	20 MARKS
Pen Paper Test and Multiple Assessment (5+5)	10 Marks
Portfolio	05 Marks
Lab Practical (Lab activities to be done from the prescribed books)	05 Marks

PRESCRIBED BOOKS:

1. Mathematics - Textbook for class X - NCERT Publication
2. Guidelines for Mathematics Laboratory in Schools, class X - CBSE Publication
3. Laboratory Manual - Mathematics, secondary stage - NCERT Publication
4. Mathematics exemplar problems for class X, NCERT publication

SUBJECT- SOCIAL SCIENCE (087)

Books Precribed :

- | | |
|---|----------|
| 1. India and the Contemporary World- II | 20 marks |
| 2. India- Resources and their Development | 20marks |
| 3. Democratic Politics II | 20 Marks |
| 4. Understanding Economic Development II | 20 Marks |

RATIONALE:

Social Science is compulsory subject upto secondary stage of school education. It is an intergral component of general education because it helps the learners in understanding the environment in its totality and developing a broader perspective and an empirical, reasonable citizens with necessary attributes and skills for being able to participate and contribute effectively in the process of development and nation-building.

The social sciences curriculum draws its content mainly from geography, history, civics and economics. Some elements of sociology and commerce are also included. Together they provide a comprehensive view of society-over space and time, and in relation to each other. Each subject's distinct methods of enquiry help the learners study society from different angles and form a holistic view.

OBJECTIVES

The main objectives of this syllabus are :

- to develop an understanding of the processes of change and development-both in terms of time and space, through which human societies have evolved.
- to make learners realise that the process of change is continuous and any event or phenomenon or issue cannot be viewed in isolation but it a wider context of time and space.
- to develop an understanding of contemporary India with its historical perspective, of the basic framework of the goals and policies of national development in independent India, and of the process of change with appropriate connections to world development.
- to deepen knowlege about the understanding of India's freedom struggle and of the values and ideals that it represented, and to develop an appreciation of the contributions made by people of all sections and regions of the country.
- to help learners understand and cherish the values enshrined in the Indian Constitution and to prepare them for their roles and responsibilities as effective citizens of a democratic society.
- to deepen the knowledge and understanding of India's environment in its totality, their interactive processes and effects on the future quality of people's lives.
- to facilitate the learners to understand and appreciate the diversity in the land and people of the country with its underlying unity.

- to develop an appreciation of the richness and variety of India's heritage-both natural and cultural and the need for its preservation.
- to promote an understanding of the issues and challenges to face the challenges of contemporary society as individuals and groups and learn the art of living a confident and stress-free life as well as participating effectively in the community.
- to develop scientific temper by promoting the spirit of enquiry and following a rational and objective approach in analysing and evaluating data and information as well as views and interpretations.
- to develop academic and social skills such as critical thinking, communicating effectively both in visual and verbal forms-cooperating with others, taking initiatives and providing leadership in solving others', problems.
- to develop qualities clustered around the personal, social, moral, national and spiritual values that make a person humane and socially effective.

(i) UNIT TEST : 20 MARKS

Q.No.	Marks
1-7	1*7=7
8-9	3*2=6
10	1*5=5
11(map question)	1*2=2
TOTAL	20 Marks

(II) MID TERM/FINAL EXAMINATION : 80 MARKS

Q.NO.	MARKS
1-20	1*20=20
21-28	3*8=24
29 - 34	5*6=30
35(MAP QUESTION FROM HISTORY)	1*3=3
36(MAP QUESTION FROM GEOGRAPHY)	1*3=3
TOTAL	80 MARKS

Note: Few chapters in geography, democratic politics and economics are to be assessed in the periodic tests only and will not be evaluated in board examination.

- **History**

CH-5-The age of industrialisation

- **Geography**

CH – 3 Water Resources(Map work)

CH-5-Minerals and energy resources (map work)

- **Economics**

Ch – 5 consumer rights (to be done as project work)

Unit1.

- **Geography-**

Ch.1 Resources and Development

Formative Assessment: - Role play on resource, exhibiting its importance and need for conservation

Key Words: - Abiotic, Afforestation, Biotic, Conservation, Gully Erosion, Land Degradation.

- **Democratic Politics-**

Ch.1 Power Sharing

Formative Assessment: - Project work- Prepare a chart or ppt on Power Sharing Arrangement in Belgium and Sri Lanka.

Key Words: - Ethnic, Majoritarianism, Civil War, Coalition Government, Prudential

- **3. Economics-Unit -1**

Ch.1 The Story Of Development

Formative Assessment: - Calculate the BMI of different economic status people above 18 years of age.

Key words: - Economy, National Income, Production, Per Capita Income, Infant Mortality Rate

Unit -2

- **History-**

Ch.3 Nationalism in India

Key Words: - Nation states, Satyagraha, Martial Law, Begar, Dominion Status, Picketed

- **Economics**

Ch.2 Sectors of the India Economy

Formative Assessment: - Group Discussion on Creating Employment Opportunities.

Key Words: - Primary Activities , Secondary Activities, Tertiary Activities, Gross Domestic Product, Intermediate Goods

Ch -2 Federalism

Key Words: - Linguistic Policy, Jurisdiction, Coming Together Holding Together, Decentralisation

Unit-3

- **Geography-**

Ch-3-Water Resources-map work

Formative Assessment: - Map Filling- Locate and Label the following Dams and draw the rivers on which they are (Hirakud, Tungabhadra, Bhakra-Nangal, SardarSarovar, Gandhi-Sagar Dam, Mettur, NagarjunaSagar and Salal Project).

Ch.4 Agriculture

Formative Assessment: - Find out different regions of India practicing the following types of farming and discuss the nature of farming- 1. Intensive Subsistence Farming 2. Plantation 3. Primitive Subsistence Farming 4. Commercial Farming 5. Mixed Farming

Key Words: - Commercial Agriculture, Horticulture, Plantation, Minimum Support Price, Kharif Season, Rabi Season

Ch.3 Economics

Money and Credit

UNIT-4

Economics

Ch.4 Globalisation and The Indian Economy

Formative Assessment: - Visit to a Bank

Key Words: - Barter System, Credit, Debt, Collateral, Cheque, Self help Group

- Globalisation, Liberalisation, Multi-National Corporation, Trade Barriers, Foreign Trade

Ch.5 Minerals and Energy Resources-(map work)

UNIT-5-

Ch.6 Manufacturing Industries

Key Words:-Agro-Based Industries, Consumer Industries, Manufacturing, Integrated Steel Plant, Heavy Industries

Democratic Politics-

Ch.6 Political Parties

Political Parties- Partisan, Defection Law, Affidavit, Regional Parties

UNIT-6-

History

Ch-5-The age of industrialisation (periodic)

UNIT-7-

Ch.7 Outcomes of Democracy

Ch.7 Life Lines of National Economy

Key Words:-Balance of Trade, Border Roads, Golden Quadrilateral, Harbour,

Terrestrial, Barometer

UNIT-8-

Ch.1 History -The rise of nationalism in Europe

Ch.4 Globalisation and The Indian Economy (Revision)

Formative Assessment: - Visit to a Bank

Key Words: - Barter System, Credit, Debt, Collateral, Cheque, Self help Group

- Globalisation, Liberalisation, Multi-National Corporation, Trade Barriers, Foreign Trade

UNIT-9

Economics

Ch.5 Consumer rights-project, periodic

Formative Assessment: - Advertisement on Consumer Consciousness

Key Words:-Exploitation, Redressal, Consumer Courts, Adulteration

History

Ch-1 Nationalism in India (Revision)

Geography

Ch- 6 Manufacturing industries(revision)

Unit-10

Ch.6 Political Parties(Revision)

Political Parties- Partisan, Defection Law, Affidavit, Regional Parties

Geography

Ch-7 Life lines of National Economy

Sample papers (Revision)

➤ **PROJECT WORK**

Every student has to compulsorily undertake any one project on the following topics

CONSUMER AWARENESS

Or

SOCIAL ISSUES

Or

SUSTAINABLE DEVELOPMENT

List of map items – 2019-20

HISTORY – outline political map of India

CH -3 nationalism in India – locating and identification

1. Indian national congress sessions

a) Calcutta (sept 1920)

b) Nagpur (dec 1920)

c) Madras (1927)

2. Important centres of Indian national movements

1. ChauriChaura (U.P.) - Calling of Non - Co-operation Movement

2. Bardoli (Gujrat) - No Tax Campaign

3. Dandi (Gujrat) - Civil Disobedience Movement

4. Champaran (Bihar) - Movement of Indigo Planters

5. Amritsar (Punjab) – Jallianwala Bagh Incident

6. Kheda (Gujrat) - Peasant Satyagraha

7. Ahemdabad - Cotton mill workers

(MAP WORK)

Ch. 1 Resources and Development

Identification only - major soil types

Ch. 3 Water resources(only for class tests)

Locating and Labelling - Dams- Salal, Bhakra-Nangal, Tehri, Rana Pratap Sagar, Hirakud, NagarjunaSagar Tungabhadra

Ch. 4 Agriculture

Identification and also for locating and labelling

1. Major areas of rice and wheat

2. Major producing states of Sugarcane, Tea, Coffee, Rubber, Cotton, Jute, Millets and Maize

Geography

Ch.5 minerals and energy resources

Identification only

1. Iron Ore Mines - Mayurbhanj, Durg, Bailadila, Bellary And Kudremukh
2. Bauxite Mines - Koraput, Katni, Amarkantak, Bilaspur
3. Manganese Mines - Sundergarh, Balaghat, Shimoga, Nagpur
4. Mica Mines- Ajmer, Beawar, Nellore, Gaya, Hazaribagh
5. Coal Mines- Raniganj, Jharia, Bokaro, Talcher, Korba, Singrauli, Singareni, Neyrali
6. Oil Fields- Digboi, Naharkatia, Mumbai high, Bassian, Kalol and Ankaleshwar
7. Power Plants- Thermal and Nuclear
Thermal- Namrup, singrauli, Ramagundam, Loktak, Barauni, Korba, Delhi, Uran, Vijaywada and Tuticorin
Nuclear- RawatBhata, Kakrapara, Kalpakkam, Tarapur, Narora

Ch.6 Manufacturing Industries (Locating and Labelling)

1. Cotton Textile Industries- Mumbai, Pune , Aurangabad, Indore, Ahemdabad, Surat, Agra, Kanpur, Muradabad, Chennai, Coimbatore and Madurai
2. Woollen Industries- Srinagar, Anantnag, Baramula, Ludhiana
3. Silk- Murshidabad, Bankura, Kolar, Mysore and Bangalore
4. Iron and Steel Plants- Burnpur, Durgapur, Bokaro, Jamshedpur, Rourkela, Bhilai, Vijaynagar, Bahdravati, Vishakapatnam and Salem
5. Software Technology Parks- Mohali, Srinagar, Noida, Jaipur, Gandhinagar, Indore, Mumbai , Hyderabad, Bangalore, Mysore, Chennai, Thiravantampuram, Pune , Guwahati, Kolkata

Ch.7 Lifelines of national Economy (Identification)

1. Golden Quadrilateral- North South Corridor and East West Corridor
2. National Highways- NH-1,2,3,4,5,7,8,16 and 17
(Locating and Labelling)
 1. Major Ports- Kandla, Mumbai, Marmago, New Manglore, Kochi, Tuticorin, Chennai, Vishakapatnam, Paradip, Haldia and Kolkata
 2. International Airports- Amritsar, Delhi, Mumbai, Thiruvantampuram, Chennai, Kolkata and Hyderabad

Subject : Information Technology (Skill subject - 402)

Book : Information Technology Vocational – Class 10**Publisher : Kips Learning Pvt. Ltd.**

UNITS	MAX. MARKS for Theory and Practical 100
Employability Skills	
Unit 1 : Communication Skills-II	
Unit 2 : Self-Management Skills-II	
Unit 3 : Information and Communication Technology Skills-II	10
Unit 4 : Entrepreneurial Skills-II	
Unit 5 : Green Skills-II	
Total	10
Subject Specific Skills	Marks
Unit 1: Digital Documentation (Advanced)	8
Unit 2: Electronic Spreadsheet (Advanced)	10
Unit 3: Database Management System	12
Unit 4: Web Applications and Security	10
Total	40
Practical Work	
Practical Examination	15
Written Test	10
Viva Voce	10
Total	35
Project Work/Field Visit	
Practical File/ Student Portfolio	10
Viva Voce	05
Total	15
GRAND TOTAL	100

Unit-1 Communication Skills-II

- Methods of Communication
- Communication Cycle
- Communication Barriers
- Effective Communication
- Basic Writing Skills

Unit-2 Web Applications and Security

- Working With Accessibility Options.
- Understand Networking Fundamentals
- Introduction to Instant Messaging
- Chatting With a Contact – Google Talk
- Creating and Publishing Web Pages – Blog
- Using Offline Blog Editors
- Online Transaction
- Internet Security
- Maintain workplace safety
- Prevent Accidents and Emergencies
- Protect Health and Safety at work

Unit-3 Self-Management Skills - II

- Stress Management and its Techniques
- Ability to work Independently

Unit-4 Digital Documentation (Advanced)

- Create and Apply Styles in the document
- Insert and use images in document
- Create and use template
- Create and customize table of contents
- Using Mail Merge

Unit – 5 Information and Communication Technology Skills-II

- Operating System
- Managing Files and Folders
- Care and Maintenance of a Computer

Unit – 6 Electronic Spreadsheet (Advanced)

- Analyse data using scenarios and goal seek
- Link data and spreadsheets
- Share and review a spreadsheet
- Create and use Macros in spreadsheet

Unit – 7 Entrepreneurial Skills - II

- Entrepreneur and Entrepreneurship

Unit – 8 Database Management System

- Appreciate the concept of Database Management System
- Create and edit tables using wizard and SQL commands
- Perform operations on table
- Retrieve data using query
- Create Forms and Reports using wizard

Unit – 9 Green Skills - II

- Sustainable Development

Unit – 10 Practical Project

- Project Work on any given topics
- Submission of all activities and Project file

Information Technology (Code no. 402)	
Theory	50 marks
Practical	50 marks
Total Marks	100 marks

Note: Submit Activity File with a Project .

ਪੰਜਾਬੀ 004
ਜਮਾਤ-ਦਸਵੀਂ
ਜੁਲਾਈ 2020 ਤੋਂ ਮਾਰਚ 2021
(ਸਲਾਨਾ ਪ੍ਰੀਖਿਆ)

ਕੁਲ ਅੰਕ 80

ਭਾਗ-ੳ

1)	ਪੜ੍ਹਨ ਕੌਸ਼ਲ (Reading Skill)	10
	ੳ) ਅਣਡਿੱਠਾ ਪੈਰਾ (ਚੋਣ ਅਧਾਰਿਤ) 200-250 ਸ਼ਬਦਾਂ ਵਿੱਚ (ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)	5
	ਅ) ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ (ਚੋਣ ਅਧਾਰਿਤ) (ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)	5
2)	ਵਿਆਕਰਨ (Grammar)	16
	ੳ) ਸਮਾਸੀ ਸ਼ਬਦ (ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)	4
	ਅ) ਬਹੁਅਰਥਕ ਸ਼ਬਦ (ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)	4
	ੲ) ਅਗੇਤਰ ਪਿਛੇਤਰ (ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)	4
	ਸ) ਮੁਹਾਵਰੇ (ਕ ਤੋਂ ਝ ਤੱਕ) ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ	4
	ਪਾਠ ਪੁਸਤਕ ਤੇ ਅਧਾਰਿਤ (Text Book)	14
	1) ਕਹਾਣੀ, ਵਾਰਤਕ, ਜੀਵਨੀ, ਇਕਾਂਗੀ (ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)	3+3+3+2=11
	2) ਕਾਵਿ ਟੁਕੜੀ ਆਧਾਰਿਤ (ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)	3x1=3

ਭਾਗ-ਅ

3)	ਪਾਠ ਪੁਸਤਕ ਤੇ ਅਧਾਰਿਤ (Text Book)	26
	ਵਰਨਣਾਤਮਕ ਪ੍ਰਸ਼ਨ (Descriptive Question)	
	ੳ) ਕਵਿਤਾ, ਜੀਵਨੀ, ਵਾਰਤਕ (20 ਤੋਂ 25 ਸ਼ਬਦਾਂ ਵਿੱਚ) ਚੋਣ ਅਧਾਰਿਤ ।	10x2=20
	ਅ) ਜੀਵਨੀ, ਵਾਰਤਕ (40 ਤੋਂ 50 ਸ਼ਬਦਾਂ ਵਿੱਚ) ਚੋਣ ਅਧਾਰਿਤ ।	3x1=3
	ੲ) ਇਕਾਂਗੀ, ਕਹਾਣੀ (40 ਤੋਂ 50 ਸ਼ਬਦਾਂ ਵਿੱਚ) ਚੋਣ ਅਧਾਰਿਤ ।	3x1=3
4)	ਪ੍ਰਭਾਵਸ਼ਾਲੀ ਲਿਖਣ ਕੌਸ਼ਲ	14
	ੳ) ਲੇਖ ਰਚਨਾ (ਵਿਚਾਰ ਪ੍ਰਦਾਨ ਅਤੇ ਆਮ ਵਿਸ਼ੇ) 100 ਤੋਂ 150 ਸ਼ਬਦ (ਤਿੰਨ ਲੇਖ ਚੋਣ ਅਧਾਰਿਤ ਨੁਕਤਿਆਂ ਸਹਿਤ)	5
	ਅ) ਪੱਤਰ ਰਚਨਾ (ਨਿੱਜੀ ਅਤੇ ਦਫ਼ਤਰੀ ਪੱਤਰ) (ਦੋ ਪੱਤਰ ਚੋਣ ਅਧਾਰਿਤ ਨੁਕਤਿਆਂ ਸਹਿਤ)	5

- ੲ) ਚਿੱਤਰ (ਫੋਟੋ/ਤਸਵੀਰ ਦਿਸ਼ ਦੇ ਅਧਾਰ ਤੇ ਵਰਣਨ (50 ਸ਼ਬਦਾਂ ਵਿੱਚ)
ਸ) (ਚੋਣ ਅਧਾਰਿਤ)

ਯੂਨਿਟ ਟੈਸਟ ਅੰਕ ਵੰਡ

(ਕੁੱਲ ਅੰਕ 20)

- | | | |
|----|--|-----------|
| 1) | ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ (1 ਅੰਕ ਵਾਲੇ) | |
| | ੳ) ਕਹਾਣੀ, ਵਾਰਤਕ, ਜੀਵਨੀ ਅਤੇ ਕਵਿਤਾ ਜਾਂ ਇਕਾਂਗੀ ਵਿੱਚੋਂ । | 1+1+1+1=4 |
| 2) | ਛੋਟੇ ਪ੍ਰਸ਼ਨ ਉੱਤਰ 2 ਅੰਕਾਂ ਵਾਲੇ (20 ਤੋਂ 25 ਸ਼ਬਦਾਂ ਵਿੱਚ) | |
| | ਅ) ਕਵਿਤਾ, ਜੀਵਨੀ ਤੇ ਵਾਰਤਕ ਵਿੱਚੋਂ । | 2x2=4 |
| 3) | ਵੱਡੇ ਉੱਤਰ ਵਾਲੇ ਪ੍ਰਸ਼ਨ (40 ਤੋਂ 50 ਸ਼ਬਦਾਂ ਵਿੱਚ) ਚੋਣ ਅਧਾਰਿਤ | |
| | ੲ) ਕਹਾਣੀ ਤੇ ਵਾਰਤਕ | 3 |
| 4) | ਵਿਆਕਰਨ (ਬਹੁਵਿਕਲਪੀ) | 3 |
| 5) | ਲੇਖ ਜਾਂ ਪੱਤਰ | 3 |
| 6) | ਇਸ਼ਤਿਹਾਰ ਜਾਂ ਚਿੱਤਰਤ ਵਰਨਣ ਜਾਂ ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ ਜਾਂ ਅਣਡਿੱਠਾ ਪੈਰਾ । | 3 |

ਜਮਾਤ ਨੌਵੀਂ ਪੰਜਾਬੀ ਵਿਸ਼ੇ ਦੀਆਂ ਗਤੀਵਿਧੀਆਂ ਅਤੇ ਮੁਲਾਂਕਣ

Guidelines for Internal Activity/Assessment

ਪਾਠਕ੍ਰਮ ਦਾ ਉਦੇਸ਼ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਛਿੱਪੀ ਹੋਈ ਪ੍ਰਤਿਭਾ ਨੂੰ ਬਾਹਰ ਲਿਆਉਣਾ ਹੈ, ਇਸ ਲਈ ਬੋਰਡ ਵੱਲੋਂ ਸਲਾਨਾ ਪਰੀਖਿਆ ਦੇ ਨਾਲ-ਨਾਲ ਆਂਤਰਿਕ ਮੁਲਾਂਕਣ ਲਈ 20 ਅੰਕ ਰਾਖਵੇਂ ਰੱਖੇ ਗਏ ਹਨ । ਜਿਸ ਦੇ ਤਹਿਤ-

- | | |
|--------|---|
| 10 ਅੰਕ | ਲਿਖਤ ਪ੍ਰੀਖਿਆ (ਜਮਾਤ ਟੈਸਟ) |
| 5 ਅੰਕ | ਗਤੀਵਿਧੀਆਂ (Assignment) ਜਮਾਤ ਅਤੇ ਘਰ ਦਾ ਕੰਮ, ਮੁਲਾਂਕਣ ਪੱਤਰ ਤੇ ਅਧਾਰਿਤ |
| 5 ਅੰਕ | LS (ਸੁਣਨ, ਬੋਲਣ 'ਤੇ ਅਧਾਰਿਤ) |

ਇਹਨਾਂ ਗਤੀਵਿਧੀਆਂ ਦਾ ਮੁਲਾਂਕਣ ਵਿਸ਼ੇ ਨਾਲ ਸੰਬੰਧਿਤ ਅਧਿਆਪਕ ਤੇ ਸਕੂਲ ਪ੍ਰਿੰਸੀਪਲ ਵੱਲੋਂ ਨਿਰਧਾਰਿਤ ਅਧਿਆਪਕ ਦੀ ਨਿਗਰਾਨੀ ਵਿੱਚ ਪੜ੍ਹਨ ਸੰਬੰਧੀ (Comprehension), ਲਿਖਣ ਕੌਸ਼ਲ (Writing Skill), ਬੋਲਣਾ ਕੌਸ਼ਲ (Speaking Skill) ਅਨੁਸਾਰ ਕੀਤਾ ਜਾਵੇਗਾ ।

ਨਿਰਧਾਰਿਤ ਪਾਠ-ਪੁਸਤਕਾਂ

1. ਸਾਹਿਤਕ ਕਿਰਨਾਂ-1

- | | | |
|----------------|----|----------------------------------|
| ਕਾਵਿ ਰਚਨਾਵਾਂ - | 1. | ਗਉੜੀ ਬੈਰਾਗਣਿ (ਗੁਰੂ ਅਮਰਦਾਸ ਜੀ) |
| | 2. | ਗੁੰਮ ਨੇ ਰਸੋਈ ਵਿੱਚੋਂ (ਕਸ਼ਮੀਰ ਨੀਰ) |
| | 3. | ਗੁਰੂ-ਉਪਦੇਸ਼ (ਪਵਲ ਹਰਚੰਦਪੁਰੀ) |

- ਵਾਰਤਕ -
1. ਹੈਂਕੜ ਅਤੇ ਹਉਮੈ ਦੀ ਮਾਰ (ਡਾ. ਹਰਸ਼ਿੰਦਰ ਕੌਰ)
 2. ਪੰਜਾਬ ਦੇ ਲੋਕਗੀਤ (ਤੇਜਿੰਦਰ ਕੌਰ)
 3. ਕਲਾਤਮਕ ਰੁਚੀਆਂ : ਪ੍ਰਕਿਰਤੀ ਅਤੇ ਪਹਿਚਾਣ (ਡਾ. ਦੇਵਿੰਦਰ ਸੈਫੀ)
2. ਸਾਹਿਤਕ ਰੰਗ-1
- ਕਹਾਣੀਆਂ-
1. ਮੈਂ ਕਿਸੇ ਤੋਂ ਘੱਟ ਨਹੀਂ (ਦਰਸ਼ਨ ਸਿੰਘ ਆਸ਼ਟ)
 2. ਈਅਰ ਫੋਨ (ਬਲਵਿੰਦਰ ਸਿੰਘ ਸੋਢੀ)
 3. ਦੁਸ਼ਮਣੀ (ਬਲਵਿੰਦਰ ਸਿੰਘ ਬਰਾੜ)
- ਇਕਾਂਗੀ-
- ਬੇਬੇ ਰਾਮ ਭਜਨੀ (ਪ੍ਰੋ. ਆਈ. ਸੀ. ਨੰਦਾ)
- ਜੀਵਨੀਆਂ-
1. ਬੀਬੀ ਭਾਨੀ ਜੀ (ਸੁਖਵਿੰਦਰ ਕੌਰ)
 2. ਉੱਡਣਾ ਸਿੱਖ-ਮਿਲਖਾ ਸਿੰਘ (ਪ੍ਰਕਾਸ਼ ਸਿੰਘ ਗਿੱਲ)
 3. ਅਣਥੱਕ ਵਿਗਿਆਨੀ-ਡਾ. ਅਬਦੁੱਲ ਕਲਾਮ (ਡਾ. ਪ੍ਰਿਥਵੀ ਰਾਜ ਥਾਪਰ)

ਨਿਰਧਾਰਤ ਗਤੀਵਿਧੀਆਂ (Suggested Topics for Activity)

- | | |
|----------------------------|--------------------------|
| 1. ਸੁਲੇਖ | 2. ਕਵਿਤਾ ਉਚਾਰਨ (ਜਬਾਨੀ) |
| 3. ਭਾਸ਼ਣ ਮੁਕਾਬਲਾ | 4. ਵਾਦ-ਵਿਵਾਦ |
| 5. ਕੁਇਜ਼ (ਪ੍ਰਸ਼ਨੋਤਰੀ) | 6. ਨਾਟਕ ਮੰਚਣ |
| 7. ਦਿਨ ਤਿਉਹਾਰ ਬਾਰੇ ਜਾਣਕਾਰੀ | 8. ਲੋਕ ਗੀਤ |
| 9. ਪੁਰਾਤਨ ਸੱਭਿਆਚਾਰ | 10. ਚਲੰਤ ਘਟਨਾਵਾਂ ਦਾ ਵਰਣਨ |

ਨੋਟ:

- 1) ਵਿਦਿਆਰਥੀਆਂ ਦਾ ਮੁਲਾਂਕਣ ਉਪਰੋਕਤ ਦਿੱਤੇ ਗਏ ਦਿਸ਼ਾ-ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਕੀਤਾ ਜਾਵੇਗਾ ।
- 2) ਮੁਲਾਂਕਣ ਵਿਸ਼ੇ ਨਾਲ ਸਬੰਧਤ ਅਧਿਆਪਕ ਤੇ ਸਕੂਲ ਮੁਖੀ ਵੱਲੋਂ ਨਿਰਧਾਰਤ ਅਧਿਆਪਕਾਂ ਦੀ ਨਿਗਰਾਨੀ ਹੇਠ ਹੋਵੇਗਾ ।

Unit 1

ਕਹਾਣੀ -ਮੈਂ ਕਿਸੇ ਤੋਂ ਘੱਟ ਨਹੀਂ

ਜੀਵਨੀ-ਬੀਬੀ ਭਾਨੀ ਜੀ

ਵਿਆਕਰਣ-ਮੁਹਾਵਰੇ (ਕ) ਅੱਖਰ ਵਾਲੇ

ਅਣਡਿੱਠਾ ਪੈਰ੍ਹਾ-ਸਮਾਸੀ ਸ਼ਬਦ

ਗਤੀਵਿਧੀ - ਸੁਲੇਖ

Unit 2

ਸ਼ਲੋਕ- ਗਉੜੀ ਬੈਰਾਗਣਿ ਮਹਲਾ-3
ਵਿਆਕਰਣ-ਮੁਹਾਵਰੇ (ਖ) ਅੱਖਰ ਵਾਲੇ
ਪੱਤਰ-ਨਿੱਜੀ

Unit 3

ਵਿਆਕਰਣ-(ਗ) ਅੱਖਰ ਵਾਲੇ, ਬਹੁ ਅਰਥਕ ਸ਼ਬਦ (ੳ ਤੋਂ ਘ ਅੱਖਰ ਤੱਕ)
ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁਕੜੀ
ਲੇਖ-ਵਿਚਾਰ ਪ੍ਰਧਾਨ ਅਤੇ ਆਮ ਵਿਸ਼ੇ
ਗਤੀਵਿਧੀ-ਕਵਿਤਾ ਉਚਾਰਨ

Unit 4

ਵਾਰਤਕ ਲੇਖ-ਕਲਾਤਮਕ ਰੁਚੀਆਂ - ਪ੍ਰਕਿਰਤੀ ਅਤੇ ਪਹਿਚਾਣ
ਪੱਤਰ-ਨਿੱਜੀ
ਮੁਹਾਵਰੇ - (ਘ) ਅੱਖਰ ਵਾਲੇ
ਇਸ਼ਤਿਹਾਰ
ਗਤੀਵਿਧੀ-ਕਹਾਣੀ ਲੇਖਣ

Unit 5

ਇਕਾਂਗੀ-ਬੇਬੇ ਰਾਮ ਭਜਨੀ
ਚਿੱਤਰ ਵਰਨਣ
ਅਗੇਤਰ (ੳ ਤੋਂ ਗ ਅੱਖਰ ਤੱਕ) ਪਿਛੇਤਰ (ੳ ਤੋਂ ਙ ਅੱਖਰ ਤੱਕ)

Unit 6

ਜੀਵਨੀ-ਮਿਲਖਾ ਸਿੰਘ
ਕਵਿਤਾ-ਗੁੰਮ ਨੇ ਰਸੋਈ ਵਿਚੋ
ਮੁਹਾਵਰੇ-(ਚ) ਅੱਖਰ ਵਾਲੇ
ਗਤੀਵਿਧੀ-ਪੁਰਾਤਨ ਸਭਿਆਚਾਰ ਦੀਆਂ ਅਲੋਪ ਹੋ ਰਹੀਆਂ ਚੀਜ਼ਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਪ੍ਰਾਪਤ ਕਰਕੇ ਚਾਰਤ ਤਿਆਰ ਕਰੋ ।

Unit 7

ਕਹਾਣੀ-ਦੁਸ਼ਮਣੀ

ਵਾਰਤਕ-ਹੈਂਕੜ ਅਤੇ ਹਊਮੈ ਦੀ ਮਾਰ
ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁਕੜੀ
ਮੁਹਾਵਰੇ-(ਛ) ਅੱਖਰ ਵਾਲੇ
ਪੱਤਰ-ਦਫ਼ਤਰੀ

Unit 8

ਜੀਵਨੀ-ਡਾ. ਅਬਦੁਲ ਕਲਾਮ
ਕਵਿਤਾ-ਗੁਰੂ ਉਪਦੇਸ਼
ਮੁਹਾਵਰੇ-(ਜ) ਅੱਖਰ ਵਾਲੇ
ਚਿੱਤਰ ਵਰਨਣ, ਅਗੇਤਰ (ਚ ਤੋਂ ਵ ਅੱਖਰ ਤੱਕ)
ਸਮਾਸੀ ਸ਼ਬਦ

Unit 9

ਵਾਰਤਕ-ਪੰਜਾਬ ਦੇ ਲੋਕ ਗੀਤ
ਮੁਹਾਵਰੇ-(ੜ) ਅੱਖਰ ਵਾਲੇ
ਇਸ਼ਤਿਹਾਰ, ਪਿਛੇਤਰ (ਸ ਤੋਂ ਧ ਅੱਖਰ ਤੱਕ)
ਬਹੁ ਅਰਥਕ ਸ਼ਬਦ (ਚ ਤੋਂ ਵ ਅੱਖਰ ਤੱਕ)
ਗਤੀਵਿਧੀ-ਲੋਕ-ਗੀਤਾਂ ਤੇ ਅਧਾਰਿਤ

Unit 10

ਇਕਾਂਗੀ-ਬੇਬੇ ਰਾਮ ਭਜਨੀ
ਦੁਹਰਾਈ-ਇਸ਼ਤਿਹਾਰ
ਪਿਛੇਤਰ (ਨ ਤੋਂ ਸ ਅੱਖਰ ਤੱਕ)
ਚਿੱਤਰ ਵਰਨਣ

कक्षा 10वीं हिंदी 'ब' परीक्षा हेतु पाठ्यक्रम विनिर्देशन 2020 – 2021

- प्रश्न-पत्र दो खण्डों - खंड 'अ' और 'ब' का होगा।
- खंड 'अ' में वस्तुपरक प्रश्न पूछे जाएँगे।
- खंड 'अ' में कुल 53 प्रश्न होंगे जिनमें से केवल 40 प्रश्नों के ही उत्तर देने होंगे।
- खंड 'ब' में वर्णनात्मक प्रश्न पूछे जाएँगे। प्रश्नों में उचित आंतरिक विकल्प दिए जाएँगे।

परीक्षा भार विभाजन

खंड अ (वस्तुपरक प्रश्न)

	विषयवस्तु	उप भार	कुल भार
1	अपठित गद्यांश चिंतन क्षमता एवं अभिव्यक्तिकौशल पर अति लघूतरात्मक एवं लघूतरात्मक प्रश्न पूछे जाएँगे) अ चार अपठित गद्यांशों में से कोई दो गद्यांश करने होंगे। (200-250 शब्दों के) 2 गद्यांश × (1अंक × 5 प्रश्न)		10
2	व्याकरण पाठ्यपुस्तक में दिए गए भाषा-अध्ययन के आधार पर बहुविकल्पात्मक प्रश्न (1अंक × 16 प्रश्न) 1 पद बंध (5 में से किन्हीं 4 के उत्तर (1 अंक × 4 प्रश्न) 2 रचना के आधार पर वाक्य रूपांतर (5 में से किन्हीं 4 के उत्तर (1 अंक × 4 प्रश्न) 3 समास (5 में से किन्हीं 4 के उत्तर (1 अंक × 4 प्रश्न) 4 मुहावरे (केवल 4 प्रश्न, सभी अनिवार्य) (1 अंक × 4 प्रश्न)		16
3	पाठ्यपुस्तक स्पर्श भाग- 2 काव्य खंड पठित पद्यांश पर चार बहुविकल्पी प्रश्न (1 अंक × 4 प्रश्न) गद्य खंड दो पठित गद्यांशों पर पाँच-पाँच बहुविकल्पी प्रश्न 2 गद्यांश प्रश्न (1 अंक×5 प्रश्न)		14

परीक्षा भार विभाजन

खंड ब (वर्णनात्मक प्रश्न)

4	पाठ्यपुस्तक स्पर्श भाग- 2 1 स्पर्श से निर्धारित पाठों के आधार पर विषय-वस्तु का ज्ञान, बोध, अभिव्यक्ति आदि पर 25-30 शब्दों वाले तीन में दो प्रश्न पूछे जाएँगे। (2 अंक × 2 प्रश्न) 2 स्पर्श से निर्धारित पाठों के आधार पर विद्यार्थियों की उच्च चिंतन क्षमताओं एवं अभिव्यक्ति का आंकलन करने हेतु 60-70 शब्दों वाला (4 अंक 1 प्रश्न) पूरक पाठ्यपुस्तक संचयन भाग- 2 पूरक पाठ्यपुस्तक संचयन के निर्धारित पाठों से तीन में दो प्रश्न पूछे जाएँगे। जिनका उत्तर 40-50 शब्दों में देना होगा। (3 अंक × 2 प्रश्न)		14
5	लेखन अ संकेत बिंदुओं पर आधारित समसामयिक एवं व्यावहारिक जीवन से जुड़े		06

हुए किन्ही तीन विषयों में से किसी एक विषय पर 80 से 100 शब्दों में अनुच्छेद (6 अंक×1प्रश्न) (विकल्प सहित)		06
ब औपचारिक विषय से संबंधित पत्र (5 अंक×1प्रश्न) (विकल्प सहित)	05	
स व्यावाहारिक जीवन से संबंधित विषयों पर आधारित (30-40 शब्दों में) सूचना लेखन (5अंक×1प्रश्न) (विकल्प सहित)	05	
द विषय से संबंधित 25-50 शब्दों के अंतर्गत विज्ञापन लेखन (5अंक×1प्रश्न) (विकल्प सहित)	05	26
इ लघु कथा लेखन-दिए गए प्रस्थान बिंदु के आधार पर 100-120 शब्दों में लघु कथा लेखन (5अंक×1प्रश्न) (विकल्प सहित)	05	
कुल		80
6. (क) श्रवण तथा वाचन 10 - अंक	10	
(ख) परियोजना 10 - अंक	10	
कुल अंक		100

निर्धारित पुस्तकें :

1. स्पर्श, भाग-2, एन. सो.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित नवीनतम संस्करण
2. संचयन, भाग-2, एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित नवीनतम संस्करण

Unit - 1 स्पर्श पुस्तक पाठ - 1 कबीर साखी
व्याकरण - औपचारिक पत्र, अनुच्छेद

Unit - 2 स्पर्श पुस्तक पाठ - 2 मीरा के पद
स्पर्श पुस्तक पाठ - 1 बड़े भाई साहब
व्याकरण- वाक्य रूपांतरण, मुहावरे
क्रिया-कलाप- भगवान विष्णु के दस अवतारों के विषय में लिखें।

Unit - 3 स्पर्श पुस्तक पाठ - ततार्रा वामीरा
संचयन पुस्तक - 1 हरिहर काका
व्याकरण - पद बंध, विज्ञापन लेखन
क्रिया कलाप - अपने प्रांत विशेष की किसी लोककथा का वर्णन करें।

Unit - 4 स्पर्श पुस्तक पाठ - मनुष्यता
सूचना लेखन, पठित काव्यांश का अभ्यास, औपचारिक पत्र
व्याकरण - पदबंध, मुहावरे, विज्ञापन लेखन, अपठित गद्यांश

Unit - 5 स्पर्श पुस्तक पाठ - अब कहाँ दूसरों के दुख में दुखी होने वाले
व्याकरण - मुहावरे, अपठित गद्यांश, समास (अव्ययीभाव, तत्पुरुष और कर्मधारय)
व्याकरणिक इकाई 'समास' के सभी भेदों को दर्शाते हुए सुंदर चार्ट तैयार करें।

वर्णित या पठित सामग्री के आधार पर छात्रों का वाचन एवं श्रवण कौशल के आधार पर

मूल्यांकन किया जाएगा।

- Unit - 6** संचयन पुस्तक पाठ - सपनों के से दिन
व्याकरण - अनुच्छेद, लघु कथा, समास (द्विगु, द्वंद्व, बहुव्रीहि)
- Unit - 7** पर्वत प्रदेश में पावस, ज्ञेन की देन
मुहावरे, पठित काव्यांश, विज्ञापन
क्रिया कलाप - प्रकृति पर आधारित कोई प्रसिद्ध कविता अथवा स्वरचित
कविता लिखें।
- Unit - 8** स्पर्श पुस्तक पाठ - कारतूस
अनौपचारिक पत्र, सूचना लेखन, मुहावरे
- Unit - 9** स्पर्श पुस्तक पाठ - कर चले हम फिदा
लघु कथा, पदबंध, अनुच्छेद
क्रिया कलाप - 'स्वदेश प्रेम' विषय पर आधारित लघु कथा लिखें।
- Unit - 10** स्पर्श पुस्तक पाठ - टोपी शुक्ला
मुहावरे, समास, औपचारिक पत्र
वर्णित या पठित सामग्री के आधार पर छात्रों का वाचन एक श्रवण कौशल के आधार पर
मूल्यांकन किया जाएगा।