

**SHIVALIK PUBLIC SCHOOL
SYLLABUS FOR CLASS -X
SESSION: 2021-2022**

SUBJECT: ENGLISH LITERATURE

SECTION - WISE WEIGHTAGE

Sections	
A	Reading Skills (30 periods)
B	Writing Skills with Grammar(30 periods)
C	Literature Textbooks and Supplementary Reading Text (30 periods)
TOTAL (120 periods)	

PART A

Reading 20 Marks

- 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

- III. 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

- III. Ten Multiple Choice Questions, out of twelve, to be answered. Questions shall be based on the following
 1. Tenses
 2. Modals (have to/had to, must, should, need, ought to and their negative forms)
 3. Use of passive voice
 4. Subject – verb concord
 5. Reported Speech
 - o (i) Commands and requests
 - o (ii) Statements
 - o (iii) Questions
 6. Clauses:
 - o Noun clauses
 - o Adverb clauses of condition and time
 - o Relative clauses
 7. Determiners
 8. Prepositions

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**

II. 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 30 Marks

- III. **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, slopped, whimper, scrimmages

Words and Expressions Ch 1 - A Letter to God

Writing section: Letter of inquiry

Grammar : Tenses, determiners

Activity : Poster making, Listening task , Reading Comprehension.

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 : W&E pg.29

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

P3a)- How to Tell Wild Animals

Key Words- twany, discern, novice, caress

P3b)-The Ball Poem

Key Words- rigid, intrude, epistemology, dime

Words and Expressions Ch 3 -Two Stories about Flying

Writing section: Analytical paragraph based on line graph, bar graph and pie chart

Grammar : Reported speech

Activity :Speaking Activity

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

Grammar activity based on reported speech from W&E-pg 144

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-4 A Question of Trust

Key Words- mended, persuaded, inconvenience, desperate

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: Letter writing-placing order, letter to the editor

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 table & map

Grammar : Modals

Activity : Project 2 from W&E pg 70

Role play on a given situation (Group activity)

UNIT 6

Literature Reader

F7-Glimpses of India

Key Words- loaf, rebuke, parapet, commences, laid back, dwarfing

P7 –The Trees

Key words- exertion, disengage, scarcely, stumbling

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 : Prepositions

Activity : Brochure -Art Integrated activity

: Draft an advertisement for a tea brand

UNIT 7

Literature Reader-

F8-Mijbil the Otter

Key Words- squirmed, consulate, static, fumbling. chittering

P8- Fog

Key words-harbour, haunches

Supplementary Reader

Ch-7 The Necklace

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

Writing section: Formal letter

Grammar : Clauses

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 : Voice, Dialogue Writing

Activity : Writing Conversation W&E pg131

Practice of speaking skills- A Memorable Trip

UNIT 9

Literature Reader-

F10-The Sermon at Benares

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

P-10 For Anne Gregory

Key Words- ramparts, folklore, mythology

Supplementary Reader

Ch-9 Bholi

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

Ch-10 The Book that Saved the Earth

Key Words-illustrated ,apprentice, salutation, smacking, historiscope

Words and Expressions Ch 10 The Sermon at Benares **Writing section:** :

Analytical paragraph based on cues

Grammar : Tenses, Modals

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

SUBJECT: MATHEMATICS

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 (BY CBSE)

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

COURSE STRUCTURE CLASS -X
FOLLOWED IN SCHOOL

UNITS	CHAPTER NO.	CHAPTER NAME
I	CH-1	Real Number
II	CH-2 CH-15	Polynomials Probability
III	CH-3 CH-4	Pair Of Linear Equations In Two Variables Quadratic Equations
IV	CH-5 CH-7	Arithmetic Progressions Coordinate Geometry
V	CH-6	Triangles
VI	CH-8	Introduction To Trigonometry
VII	CH-9	Applications of trigonometry
VIII	CH-10 CH-11	Circles Constructions
IX	CH-12 CH-13	Areas Related To Circles Surface Areas and Volumes
X	CH-14	Statistics

UNIT-I**CHAPTER 1: REAL NUMBERS****(15) Periods**

KEY WORDS: Lemma, Algorithm, Euclid's Division Algorithm, Fundamental Theorem of Arithmetic, Terminating decimal expansions, Non-terminating repeating (recurring) decimal expansions, Non-terminating non-repeating (recurring) decimal expansions,

CONTENTS: Euclid's division lemma, 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****(7) Periods**

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

CONTENTS: Zeros of a polynomial. Relationship between zeros and coefficients of quadratic polynomials. Statement and simple problems on division algorithm for polynomials with real coefficients.

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.

UNIT-III

CHAPTER 3: PAIR OF LINEAR EQUATIONS IN TWO VARIABLES(15) Periods

KEY WORDS: Linear Equation, Solution of linear equation, Consistent system, Inconsistent system, Substitution method, Elimination method, Cross multiplication 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 and by cross multiplication method. Simple situational problems. Simple problems on equations reducible to linear equations.

CHAPTER 4: QUADRATIC EQUATIONS

(15) 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. Situational problems based on quadratic equations related to day to day activities to be incorporated.

UNIT-IV

CHAPTER 5: ARITHMETIC PROGRESSIONS

(8) Periods

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

CONTENTS: Motivation for studying Arithmetic Progression Derivation of the nth term and sum of the first n terms of A.P. and their application in solving daily life problems.

UNIT-V

CHAPTER 7: COORDINATE GEOMETRY

(14) Periods

KEY WORDS: X-axis, Y-axis, Origin, Point and its coordinates, Distance formula, Section formula, Mid-point formula, Area of triangle, 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). Area of a triangle.

CHAPTER 6: TRIANGLES

(15) Periods

KEY WORDS: Triangle and its types, similar figures and similar triangles, Basic Proportionality Theorem, Area-Ratio 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) The ratio of the areas of two similar triangles is equal to the ratio of the squares of their corresponding sides.
8. (Prove) In a right triangle, the square on the hypotenuse is equal to the sum of the squares on the other two sides.
9. (Prove) In a triangle, if the square on one side is equal to sum of the squares on the other two sides, the angles opposite to the first side is a right angle.

UNIT-VI

CHAPTER 8 : TRIGONOMETRY

(10) Periods

KEY WORDS:Trigonometric ratios, Complementary angles, Trigonometric Identities

CONTENTS: Trigonometric ratios of an acute angle of a right-angled triangle. Proof of their existence (well defined); motivate the ratios whichever are defined at 0° and 90° . Values of the trigonometric ratios of 30° , 45° and 60° .Relationships between the ratios.

TRIGONOMETRIC IDENTITIES:

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

UNIT-VII

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-VIII

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.
3. (Motivate) Alternative Segment theorem: If a chord is drawn through the point of contact of a tangent to a circle, then the angles made by the chord with the tangent are respectively equal to the angles subtended by the chord in the alternate segments.

CHAPTER 11: CONSTRUCTIONS

(8) 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.
3. Construction of a triangle similar to a given triangle.

UNIT-IX

CHAPTER 12: AREAS RELATED TO CIRCLES

(12) 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 area of segment of a circle, problems should be restricted to central angle of 60° , 90° and 120° only. Plane figures involving triangles, simple quadrilaterals and circle should be taken.)

CHAPTER 13: SURFACE AREAS AND VOLUMES

(12) Periods

KEY WORDS: Polyhedron, Cuboid, Cube, Cylinder, Cone, Sphere, Hemisphere, Spherical shell, hemispherical shell, Frustum of cone, 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. Frustum of a cone.

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

(18) Periods

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

CONTENTS: Mean, median and mode of grouped data (bimodal situation to be avoided). Cumulative frequency graph.

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: SCIENCE

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 temptation of adding too many concepts than 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 begin 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.

CURRICULAR EXPECTATIONS

At this stage learners are expected to:

- develop understanding of concepts, principles, theories, and laws governing the physical world, consistent with the stage of cognitive development.
- develop ability to acquire and use the methods and processes of science, such as observing, questioning, planning investigations, hypothesizing, collecting, analyzing and interpreting data, communicating explanations with evidences, justifying explanations, thinking critically to consider and evaluate alternative explanation, etc.
- conduct experiments, also involving quantitative measurements.

- appreciate how concepts of science evolve with time giving importance to its historical prospective.
- develop scientific temper (objectivity, critical thinking, freedom from fear and prejudice, etc.).
- nurture natural curiosity, aesthetic sense, and creativity.
- imbibe the values of honesty, integrity, cooperation, concern for life and preservation of environment.
- develop respect for human dignity and rights, equity and equality.

GENERAL INSTRUCTIONS:

1. There will be an Annual Examination based on the entire syllabus.
2. The Annual Examination will be of 80 marks and 20 marks weightage shall be for Internal Assessment.
3. For Internal Assessment:
 - 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 test, quiz, concept maps, projects, posters, presentations and enquiry based scientific investigations etc. and use rubrics for arguing them objectively. This will also have a weightage of 05 marks towards the final result.
 - b. Practical / Laboratory work should be done throughout the year and the student should maintain record of the same. Practical Assessment should be continuous. There will be weightage of 5 marks towards the final result. All practicals listed in the syllabus must be completed.

Portfolio to be prepared by the student- This would include classwork and other sample of student work and will carry a weight age of 5 marks

COURSE STRUCTURE: CLASS X

(Annual Examination)

Unit No.	Units	Marks	Periods
I	Chemical Substances-Nature and Behavior	25	55
II	World of Living	23	50
III	Natural Phenomena	12	23
IV	Effects of Current	13	32
V	Natural Resources	07	20
	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 – 1. Preparing a temporary mount of a leaf peel to show stomata.
2. 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: Unit-I

- i. $\text{ZnSO}_4(\text{aq})$
- ii. $\text{FeSO}_4(\text{aq})$
- iii. $\text{CuSO}_4(\text{aq})$
- iv. $\text{Al}_2(\text{SO}_4)_3(\text{aq})$

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-

- a. 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.
- b. Finding the image distance for varying object distances in case of a convex lens and drawing corresponding ray diagrams to show the nature of image formed.
2. **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 and 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 colorful world**- Functioning of a lens in human eye, power of accommodation, defects of vision and their corrections.

3. **Control and co-ordination:** Control and coordination in animals, reflex action. Human brain; nervous tissue. Plant coordination and plant hormone.

UNIT IV

1. **Acids, bases and salts**

Preparation and uses of Sodium Hydroxide, bleaching powder, baking soda, Washing soda and Plaster of Paris.

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 colorful world**- Refraction of light through a prism, dispersion of light, scattering of light, applications in daily life.

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

3. **Control and co-ordination:** Chemical Coordination in animals, animal hormones.

UNIT V

1. **Metals and nonmetals:**

Properties of metals and non-metals; Reactivity series; Formation and properties of ionic compounds.

2. **Sources of energy:** Different forms of energy, conventional and non-conventional sources of energy: Fossil fuels, solar energy; biogas; wind, water and tidal energy; Nuclear energy. Renewable versus non-renewable sources of Energy.

3. **How do organisms reproduce-** The importance of variation, Asexual reproduction, vegetative propagation, tissue culture, spore formation? Sexual reproduction in flowering plants. Reproduction in human being.

PRACTICAL - (i) To study (a) binary fission in Amoeba and (b) budding in yeast with the help of prepared slides.

(ii) To identify the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean).

UNIT VI

1. **Metals and nonmetals:**

Basic metallurgical processes; Corrosion and its prevention.

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 determine its resistance. Also plotting a graph between V and I.

3. **How do organisms reproduce:** Male and female reproductive system, Reproductive health, need for reproductive health and methods of family planning HIV/AIDS? Child bearing and women's health.

UNIT VII

1. **Carbon and its compounds:**

Covalent bonding in carbon compounds. Versatile nature of carbon. Homologous series. Nomenclature of carbon compounds containing functional groups (halogens, alcohol, ketones, aldehydes, alkanes and alkynes), difference between saturated hydrocarbons and unsaturated hydrocarbons.

2. **Electricity-** Series combination of resistors, parallel combination of resistors and its applications in domestic electric circuit. Heating effect of electric current and its applications in daily life. Electric power, Interrelation between P, V, I and R.

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

3. **Heredity and evolution-** Heredity; Mendel's contribution- Laws for inheritance of traits, Sex determination.

UNIT VIII

1. **Carbon and its compounds**

Chemical properties of carbon compounds (combustion, oxidation, addition and substitution reaction). Ethanol and Ethanoic acid (only properties and uses), soaps and detergents.

PRACTICALS: Study of the following properties of acetic acid (ethanoic acid):

i. Odour

ii. solubility in water

- iii. effect on litmus
- iv. reaction with sodium Hydrogen Carbonate

PRACTICAL: Study of the comparative cleaning capacity of a sample of soap in soft and hard water.

- 2. **Magnetic effects of electric current**:- Magnetic field, field lines, field due to a current-carrying conductor, field due to current-carrying coil or solenoid;
- 3. Heredity and evolution-Basic concepts of evolution.

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**- Force on current-carrying conductor, Fleming's Left-Hand Rule, Electric Motor. Electromagnetic induction. Induced potential difference, Induced current.
- 3. **Our environment**: Eco-system, Environmental problems, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substances.

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**- Fleming's Right Hand Rule, Electric Generator, and Direct Current. Alternating current: frequency of AC. Advantage of AC over DC. Domestic electric circuit.
- 3. **Management of natural resources**. Conservation and judicious use of natural resources. Forest and wild life, coal and petroleum conservation. Examples of People's participation for conservation of natural resources. The Regional environment: Big dams: advantages and limitations; alternatives if any. Water harvesting. Sustainability of natural resources.

Assessment Areas (Theory) 2021-22

(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 %

Note:

- 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.

CLASS-X

Suggested Pedagogical Processes	Learning Outcomes
The learners may be provided with opportunities individually or in groups and encouraged to— ● recognize the difference between reactions, such as, exothermic and endothermic, oxidation and reduction, etc. ● observe to understand the difference in the temperatures in both the reactions using laboratory thermometer. ● <u>investigate</u> the ways of segregation of waste material on the basis of their degradation property. They may be encouraged to practice the segregation of waste before disposal at home, school, and public places. ● explore the relationship between two physical quantities, such as, between potential difference across a conductor and electric current flowing through it; design, conduct, and share the findings of an activity ● <u>find</u> out 'why' and 'how' of processes or phenomena, such as, transportation in plants and animals, extraction of metals from ores, with the help of activities, experiments, and demonstration. The learners may be encouraged to discuss, relate, conclude and explain processes or phenomena to their peers using interdisciplinary approach. ● <u>observe</u> diagrams, such as that of digestive system and the names given to various organs. The learners may be motivated to make poster of the digestive system for displaying in school. They may also be provided opportunities to use <u>ICT</u> tools for drawing. ● <u>collect</u> wide variety of graphs from newspapers, magazines, or the internet, with a view to understand the information contained therein. The learners may be facilitated to draw a graph, such as V-I graph for analyzing the relationship between the potential difference across a conductor and the current through it.	The learner— ● differentiates materials, objects, organisms, phenomena, and processes, based on, properties and characteristics, such as, <u>autotrophic and heterotrophic nutrition, biodegradable and non-biodegradable substances</u>, various types of reactions, strong and weak acids and bases, acidic, basic, and neutral salts using different indicators, real and virtual images, etc. ● classifies materials, objects, organisms, phenomena, and processes, based on properties and characteristics, such as, metals and non-metals, acid and bases on the basis of their physical and chemical properties. ● plans and conducts investigations and experiments to arrive at and verify the facts, principles, phenomena, or to seek answers to queries on their own, such as, investigates conditions necessary for rusting, tests the conductivity of various solutions, compares the foaming capacity of different types of soap samples, verifies laws of reflection and refraction of light, Ohm's law, etc. Do variegated leaves perform photosynthesis? Which gas is evolved during fermentation? Why does the shoot of a plant move towards light? ● relates processes and phenomena with causes and effects, such as, hormones with their functions, tooth decay with pH of saliva, growth of plants with pH of the soil, survival of aquatic life with pH of water, <u>blue colour of sky</u> with scattering of light, deflection of compass needle due to magnetic effect of electric current, etc. ● explains processes and phenomena, such as, nutrition in human beings and plants, transportation in plants

SUBJECT: SOCIAL SCIENCE

Books Prescribed:

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

RATIONALE:

Social Science is compulsory subject upto secondary stage of school education. It is an integral 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 realize 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 knowledge 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 analyzing 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.

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 industrialization
- **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. (3 CHAPTERS)

1) Geography-

Ch.1 Resources and Development-

- Types of Resources
- Development of Resources
- Resource Planning in India
- Land Resources
- Land Utilization
- Land Use Pattern in India
- Land Degradation and Conservation Measure

- Soil as a Resource
- Classification of Soils
- Soil Erosion and Soil Conservation

2) Democratic Politics-

Ch.1 Power Sharing

- Case Studies of Belgium and Sri Lanka
- Why power sharing is desirable?
- Forms of Power Sharing

Keywords:- Ethnic, Majoritarianism, Civil War, Coalition Government, Prudential

3) Economics-Unit-1

Ch.1 Development

- What Development Promises – Different people different goals
- Income and other goals
- National Development
- How to compare different countries or states?
- Income and other criteria
- Public Facilities
- Sustainability of development

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

Unit-2 (3 CHAPTERS)

• History-

CH 2. Nationalism in India

- The First World War, Khilafat and Non Cooperation
- Differing Strands within the Movement
- Towards Civil Disobedience
- The Sense of Collective Belonging

• Economics

Ch.2 Sectors of the India Economy

- Sectors of Economic Activities
- Comparing the three sectors
- Primary, Secondary and Tertiary Sectors in India
- Division of sectors as organized and unorganized
- Sectors in terms of ownership: Public and Private Sectors

KEYWORDS

Primary Activities, Secondary Activities, Tertiary Activities, Gross Domestic Product, Intermediate Goods

- **Politics**

Ch-2 Federalism

- What is Federalism?
- What make India a Federal Country?
- How is Federalism practiced?
- Decentralization in India

Key Words: - Linguistic Policy, Jurisdiction, Coming Together Holding Together, Decentralization in India

Unit-3

- **Geography-**

Ch-3-WaterResources-(Only for periodic tests)

- Water Scarcity and the Need for Water Conservation and Management
- Multi-Purpose River Projects and Integrated Water Resources Management
- Rainwater Harvesting
- Integrated Water Resources Management
- Rainwater Harvesting

- Map Filling- Locate and Label the following Dams and draw the rivers on which they are (Hirakud, Tungabhadra, Bhakra-Nangal, Sardar Sarovar, Gandhi-Sagar Dam, Mettur, Nagarjuna Sagar and Salal Project).

Ch.4 Agriculture

Types of farming

- Cropping Pattern
- Major Crops
- Technological and Institutional Reforms

- Impact of Globalization on Agriculture

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

- **History-**

CH 5. Print Culture and the Modern World

- The First Printed Books
- Print Comes to Europe
- The Print Revolution and its Impact
- The Reading Mania
- The Nineteenth Century
- India and the World of Print
- Religious Reform and Public Debates
- New Forms of Publication
- Print and Censorship

- **Economics-**

Ch.3 Money and Credit

- Money as a medium of exchange
- Modern forms of money
- Loan activities of Banks
- Two different credit situations
- Terms of credit
- Formal sector credit in India
- Self Help Groups for the Poor

UNIT-4

- **Geography-**

Ch.5 Minerals and Energy Resources-

- What is a mineral?
- Mode of occurrence of Minerals
- Ferrous and Non-Ferrous Minerals
- Non-Metallic Minerals

- Rock Minerals
- Conservation of Minerals
- Energy Resources

Conventional and Non-Conventional
Conservation of Energy Resources

• **Civics-**

Ch.3 Democracy and Diversity (only for period test)

- Case Studies of Mexico
- Differences, similarities and divisions
- Politics of social divisions

Ch.4 Gender, Religion and Caste

- Gender and Politics
- Religion, Communalism and Politics
- Caste and Politics

UNIT-5-

• **Geography-**

Ch.6 Manufacturing Industries

- Importance of manufacturing
- Contribution of Industry to National
- Economy Industrial Location
- Classification of Industries

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

• **Civics-**

Ch.5 Popular Struggles and Movements (For Periodic Tests)

- Popular Struggles in Nepal and Bolivia
- Mobilization and Organization
- Pressure Groups and Movements

Ch.6. Political Parties

- Why do we need Political Parties?
- How many Parties should we have?
- National Political Parties
- State Parties
- Challenges to Political Parties
- How can Parties be reformed?

UNIT-6-

• Economics-

Ch.4 Globalization and The Indian

Economy

- Production across countries
- Interlinking production across countries
- Foreign Trade and integration of markets
- What is globalization?
- Factors that have enabled Globalization
- World Trade Organization
- Impact of Globalization on India
- The Struggle for a fair Globalization

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

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

• History-

Ch-4-The age of industrialization (for periodic Tests)

- Biodiversity or Biological Diversity
- Before the Industrial Revolution
- Hand Labour and Steam Power
- Industrialization in the colonies
- Factories Come Up
- The Peculiarities of Industrial Growth

- Market for Goods

- **Geography-**

Ch.2 Forest and Wildlife (for Periodic Tests)

- Biodiversity or Biological Diversity
- Flora and Fauna in India
- Vanishing Forests
- Asiatic Cheetah: Where did they go?
- The Himalayan Yew in trouble
- Conservation of forest and wildlife in India Project Tiger
- Types and distribution of forests and wildlife resources
- Community and Conservation

UNIT-7-

- **Civics-**

Ch.7 Outcomes of Democracy

- How do we assess democracy's outcomes?
- Accountable, responsive and legitimate government
- Economic growth and development
- Reduction of inequality and poverty
- Accommodation of social diversity
- Dignity and freedom of the citizens

- **Geography-**

Ch.7 Life Lines of National Economy

- Transport – Roadways, Railways,
- Pipelines, Waterways, Airways Communication
- International Trade
- Tourism as a Trade

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

UNIT-8-

- **History-**

Ch.1 –The rise of nationalism in Europe

- The French Revolution and the Idea of the Nation
- The Making of Nationalism in Europe
- The Age of Revolutions: 1830-1848

- The Making of Germany and Italy
- Visualizing the Nation
- Nationalism and Imperialism

- **Civics-**

Ch.8 Challenges to Democracy (for Periodic Test)

- Thinking about challenges
- Thinking about Political Reforms
- Redefining democracy

- **Economics-**

Ch.4 Globalization and The Indian Economy (Revision)

- Production across countries
- Interlinking production across countries
- Foreign Trade and integration of markets What is globalization?
- Factors that have enabled Globalisation
- World Trade Organisation
- Impact of Globalization on India
- The Struggle for a fair Globalisation

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-(For project work)

Formative Assessment: - Advertisement on Consumer Consciousness

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

- **History-**

Ch-2 Nationalism in India (Revision)

- **Geography-**

Ch-6 Manufacturing industries (revision)

Unit-10

- **Civics-**

Ch.6 Political Parties (Revision)

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

- **Geography-**

Ch-7 Life lines of National Economy (Revision)

- **Sample papers (Revision)**

➤ **PROJECTWORK**

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

CLASSX (2021-22)

A. **HISTORY**(Outline Political Map of India) **Chapter-3 Nationalism in India–**
(1918–1930) for Locating and Labelling/Identification

1. Indian National Congress Sessions:

- Calcutta(Sep.1920)
- Nagpur(Dec.1920)
- Madras(1927)

2. Important Centres of Indian National Movement

- Champaran (Bihar)-Movement of Indigo Planters
- Kheda (Gujarat)-Peasant Satyagraha
- Ahmedabad (Gujarat)-Cotton Mill Workers Satyagraha
- Amritsar (Punjab)-Jallianwala Bagh Incident
- Chauri Chaura(U.P.)-Calling off the Non-Cooperation Movement

f. Dandi(Gujarat)-Civil Disobedience

Movement B. **GEOGRAPHY**(Outline Political Map of India)

Chapter1: Resources and Development (Identification only)

a. Major soil Types

Chapter3:Water Resources(Locating and Labelling)

Dams:

- | | |
|----------------------|-------------------|
| a. Salal | e. Sardar Sarovar |
| b. Bhakra Nangal | f. Hirakud |
| | Nagarjuna |
| c. Tehri | g. Sagar |
| d. Rana Pratap Sagar | h. Tungabhadra |

Note: The theoretical aspect of chapter ‘Water Resources’ to be assessed in the Periodic Tests only and will not be evaluated in Board Examination. However, the map items of this chapter as listed above will be evaluated in Board Examination.

Chapter4: Agriculture (Identification only)

- a. Major areas of Rice and Wheat
- b. Largest/Major producer states of Sugarcane, Tea, Coffee, Rubber, Cotton and Jute

Chapter 5: Minerals and Energy Resources

Minerals (Identification only)

a. Iron Ore mines

- Mayurbhanj
- Durg
- Bailadila
- Bellary
- Kudremukh

b. Coal Mines

- Raniganj
- Bokaro
- Talcher
- Neyveli

c. Oil Fields

- Digboi
- Naharkatia
- Mumbai High
- Bassien
- Kalol
- Ankaleshwa

Power Plants

(Locating and Labelling only)

a. Thermal

- Namrup
- Singrauli

- Ramagundam

b. Nuclear

- Narora
- Kakrapar

- Tarapur
- Kalpakkam

Chapter 6: Manufacturing Industries (Locating and Labelling Only)

Cotton Textile Industries:

- a. Mumbai
- b. Indore
- c. Surat

- d. Kanpur
- e. Coimbatore

Iron and Steel Plants:

- a. Durgapur
- b. Bokaro
- c. Jamshedpur

- d. Bhilai
- e. Vijaynagar
- f. Salem

Software Technology Parks:

- a. Noida
- b. Gandhinagar
- c. Mumbai
- d. Pune

- e. Hyderabad
- f. Bengaluru
- g. Chennai
- h. Thiruvananthapuram

Chapter 7: Lifelines of National Economy

Major Ports :(Locating and Labelling)

- | | |
|------------------|-------------------|
| a. Kandla | f. Tuticorin |
| b. Mumbai | g. Chennai |
| c. Marmagao | h. Vishakhapatnam |
| d. New Mangalore | i. Paradip |
| e. Kochi | j. Haldia |

International Airports:

- | | |
|---------------------------------------|---|
| a. Amritsar(Raja Sansi) | e.Kolkata (Netaji Subhash Chandra Bose) |
| b. Delhi(Indira Gandhi International) | f. Hyderabad (Rajiv Gandhi) |
| c. Mumbai(Chhatrapati Shivaji) | |
| d. Chennai(Meenam Bakkam) | |

SUBJECT: INFORMATION TECHNOLOGY(402)

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 Marks
Subject Specific Skills	
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 Marks
Practical Work	
Practical Examination	15
Written Test	10
Viva Voce	10
Total	35 Marks
Project Work/Field Visit	
Practical File/ Student Portfolio	10
Viva Voce	05
Total	15 Marks
GRAND TOTAL MARKS	100

Unit-1 Communication Skills-II

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

Unit-2 Digital Documentation (Advanced)

- Applying Styles in the document
- Adding Graphics in a document
- Working with Template
- Using Table of Contents
- Using Mail Merge

Unit-3 Self-Management Skills - II

- Stress Management and its Techniques
- Ability to work Independently

Unit – 4 Electronic Spreadsheet (Advanced)

- Analysing data in a Spreadsheet
- Linking data and Spreadsheets
- Sharing and Reviewing a Spreadsheet
- Using Macros in a Spreadsheet

Unit – 5 Information and Communication Technology Skills-II

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

Unit – 6 Database Management System

- Concepts of Database Management System
- Creating and Using Tables
- Performing Operations on Tables
- Retrieving data using Queries
- Working with Forms and Reports

Unit – 7 Entrepreneurial Skills - II

- Entrepreneur and Entrepreneurship

Unit-8 Web Applications and Security

- Working With Accessibility Options.
- Networking Fundamentals
- Introduction to Instant Messaging
- Chatting Using Google Hangouts
- Creating and Publishing Blogs
- Using Offline Blog Editors

- Online Transaction
- Internet Security

Unit – 9

Web Applications and Security

- Importance of Workplace Safety
- Preventing Accidents and Emergencies
- Protecting Health and Safety at Work

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.

हिन्दी पाठ्यक्रम

कक्षा - 10वीं (2021-22)

- Unit - 1** स्पर्श पुस्तक पाठ कबीर साखी, बड़े भाई साहब
व्याकरण - औपचारिक पत्र, अलंकार (अनुप्रास, यमक अतिशयोक्ति)
- Unit - 2** स्पर्श पुस्तक पाठ मीरा के पद, डायरी का एक पन्ना
व्याकरण-मुहावरे, अनुच्छेद लेखन, वाक्य रूपांतरण, गद्यांश
क्रिया-कलाप नं: 1 पाठ मीरा पर आधारित विष्णु के दस अवतारों का सचित्र वर्णन
- Unit - 3** स्पर्श पुस्तक पाठ, बिहारी के दोहे
संचयन पुस्तक हरिहर काका
व्याकरण - सूचना लेखन,समास(पहले तीन) (अव्ययीभाव, तत्पुरुष, कर्मधारय)
- Unit - 4** स्पर्श पुस्तक पाठ - ततौरा - वामीरो कथा
क्रिया कलाप नं: 2 अपने प्रांत विशेष की किसी लोक-कथा का वर्णन करें ।
व्याकरण - अलंकार (उपमा, रूपक, मानवीकरण), विज्ञापन ।
- Unit - 5** पाठ - मनुष्यता
व्याकरण - लघुकथा, पठित काव्यांश, मुहावरे, पदबंध के दो भेद
- Unit - 6** स्पर्श पुस्तक - पाठ तीसरी कसम के शिल्पकार-शैलेंद्र
संचयन पुस्तक पाठ - सपनों के से दिन
व्याकरण : वाक्य रूपांतरण, अनुच्छेद, पदबंध के सभी भेद
- Unit - 7** स्पर्श पुस्तक - पाठ - पर्वत प्रदेश में पावस
स्पर्श पुस्तक - पाठ - अब कहाँ दूसरे के दुख से दुखी होने वाले,पतझड़ में टूटी पत्तियां
(भाग - 1) गिन्नी का सोना

व्याकरण - समास के शेष तीन भेद, औपचारिक पत्र

Unit - 8

स्पर्श पुस्तक पाठ - तोप

स्पर्श पुस्तक पाठ - पतझड़ में टूटी पत्तियाँ (झेन की देन)

व्याकरण - मुहावरे, अनुच्छेद लेखन, विज्ञापन लेखन

क्रिया कलाप नं: 3 समास के भेदों पर आधारित क्रिया-कलाप

Unit - 9

स्पर्श पुस्तक पाठ - कर चले हम फिदा

स्पर्श पुस्तक पाठ - कारतूस

व्याकरण - सूचना लेखन, वाक्य रूपांतरण, औपचारिक पत्र

Unit - 10

स्पर्श पुस्तक पाठ - आत्मव्रण, टोपी शुक्ला

व्याकरण - समास, अनुच्छेद लेखन, लघु-कथा, मुहावरे

क्रिया-कलाप नं: 4 - पाठ कर चले हम फिदा के आधार पर कैप्टन विक्रम बत्रा की वीरता का उल्लेख करें।

Syllabus - 2021 - 22

Class - X

Subject - Punjabi

ਪਾਠ ਪੁਸਤਕਾਂ :

ਸਲਾਨਾ ਪਰੀਖਿਆ ਲਈ ਪਾਠ-ਕ੍ਰਮ ਅਤੇ ਅੰਕ ਵੰਡ

ਲਿਖਤੀ ਪਰੀਖਿਆ 80 ਅੰਕ

ਆਂਤਰਿਕ ਮੁਲਾਂਕਣ 20 ਅੰਕ

ਕੁਲ 100 ਅੰਕ

I. ਪੜ੍ਹਨ-ਕੌਸ਼ਲ (Reading Skill)	10
1. ਅਣਡਿੱਠਾ ਪੈਰਾ (ਵਾਰਤਕ) 200-250 ਸ਼ਬਦਾਂ ਵਿੱਚ ਤਿੰਨ ਛੋਟੇ ਪ੍ਰਸ਼ਨ (2+2+2) +1 ਅੰਕ ਸਿਰਲੇਖ ਲਈ	7
2. ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ ਨਾਲ ਸੰਬੰਧਿਤ (ਤਿੰਨ ਪ੍ਰਸ਼ਨ)	(1×3)=3
II. ਵਿਆਕਰਨ (Grammar) (ਬਹੁਵਿਕਲਪੀ ਅਤੇ ਛੋਟੇ ਉੱਤਰਾਂ ਵਾਲੇ ਪ੍ਰਸ਼ਨ)	20
1. ਸਮਾਸੀ ਸ਼ਬਦ (ਬਹੁਵਿਕਲਪੀ)	4
2. ਬਹੁਅਰਥਕ (ਬਹੁਵਿਕਲਪੀ)	4
3. ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ (ਬਹੁਵਿਕਲਪੀ)	4
4. ਅਗੇਤਰ-ਪਿਛੇਤਰ (ਸ਼ਬਦ ਬਣਾਉਣਾ)	4
5. ਮੁਹਾਵਰੇ (ਕ ਤੋਂ ਝ ਤੱਕ) (ਵਾਕਾਂ ਵਿੱਚ ਵਰਤ ਕੇ ਅਰਥ ਸਪਸ਼ਟ ਕਰਨਾ)	4
III. ਪ੍ਰਭਾਵਸ਼ਾਲੀ ਲਿਖਣ-ਕੌਸ਼ਲ (Writing Skill)	20
1. ਲੇਖ-ਰਚਨਾ (ਵਿਚਾਰ ਪ੍ਰਧਾਨ ਅਤੇ ਆਮ ਵਿਸ਼ੇ) 200 ਸ਼ਬਦ (ਤਿੰਨ ਲੇਖ ਚੋਣ ਅਧਾਰਿਤ - ਨੁਕਤਿਆਂ ਸਹਿਤ)	8
2. ਪੱਤਰ ਰਚਨਾ (ਨਿਜੀ ਤੇ ਦਫਤਰੀ) (ਦੋ ਪੱਤਰ ਚੋਣ ਅਧਾਰਿਤ - ਨੁਕਤਿਆਂ ਸਹਿਤ)	7
3. ਚਿੱਤਰ (ਫੋਟੋ)/ਤਸਵੀਰ (ਦ੍ਰਿਸ਼) ਦੇ ਆਧਾਰ 'ਤੇ ਵਰਨਣ (50 ਸ਼ਬਦਾਂ ਵਿੱਚ)	7

IV. ਪਾਠ-ਪੁਸਤਕਾਂ ਤੇ ਅਧਾਰਿਤ (Text Books)

30

1. ਅਤਿ ਛੋਟੇ ਉੱਤਰਾਂ ਵਾਲੇ ਪ੍ਰਸ਼ਨ (1 ਅੰਕ ਵਾਲੇ)
 - ੳ) ਕਹਾਣੀ ਤੇ ਵਾਰਤਕ ਵਿੱਚੋਂ (ਬਹੁ-ਵਿਕਲਪੀ) $1 \times 5 = 5$
 - ਅ) ਕਵਿਤਾ ਤੇ ਇਕਾਂਗੀ ਵਿੱਚੋਂ (ਇੱਕ ਸ਼ਬਦ ਵਾਲੇ) $1 \times 5 = 5$
2. ਛੋਟੇ ਉੱਤਰਾਂ ਵਾਲੇ ਪ੍ਰਸ਼ਨ 2 ਅੰਕ ਵਾਲੇ (25 ਤੋਂ 30 ਸ਼ਬਦਾਂ ਵਿੱਚ) $(2 \times 4) = 8$
(ਕਹਾਣੀ ਤੇ ਇਕਾਂਗੀ ਵਿੱਚੋਂ)
3. ਵੱਡੇ ਉੱਤਰਾਂ ਵਾਲੇ ਪ੍ਰਸ਼ਨ (50 ਤੋਂ 60 ਸ਼ਬਦਾਂ ਵਿੱਚ) $(4 \times 2) = 8$
(ਕਵਿਤਾ, ਵਾਰਤਕ ਵਿੱਚੋਂ) (ਚੋਣ ਅਧਾਰਿਤ)
4. ਇਕਾਂਗੀ 'ਚੋਂ ਵੱਡੇ ਉੱਤਰਾਂ ਵਾਲੇ ਪ੍ਰਸ਼ਨ (50 ਤੋਂ 60 ਸ਼ਬਦਾਂ ਵਿੱਚ) $(4 \times 1) = 4$
(ਚੋਣ ਅਧਾਰਿਤ)

ਨਿਰਧਾਰਿਤ ਪਾਠ-ਪੁਸਤਕਾਂ

1. ਸਾਹਿਤ-ਮਾਲਾ : 10 (ਪੰਜਾਬੀ ਕਵਿਤਾ ਤੇ ਵਾਰਤਕ)

- ਕਾਵਿ-ਰਚਨਾਵਾਂ -
1. ਸੋ ਕਿਉਂ ਮੰਦਾ ਆਖੀਐ (ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ)
 2. ਕਿਰਪਾ ਕਰਿ ਕੈ ਬਖਸਿ ਲੈਹੁ (ਗੁਰੂ ਅਮਰਦਾਸ ਜੀ)
 3. ਤੂੰ ਮੇਰਾ ਪਿਤਾ ਤੂੰ ਹੈ ਮੇਰਾ ਮਾਤਾ (ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ)
 4. ਸਤਿਗੁਰੂ ਨਾਨਕ ਪ੍ਰਗਟਿਆ (ਭਾਈ ਗੁਰਦਾਸ ਜੀ)
 5. ਜੰਗ ਦਾ ਹਾਲ (ਸ਼ਾਹ ਮੁਹੰਮਦ)
- ਵਾਰਤਕ -
1. ਘਰ ਦਾ ਪਿਆਰ (ਪ੍ਰਿੰ: ਤੇਜਾ ਸਿੰਘ)
 2. ਬੋਲੀ (ਸ. ਗੁਰਬਖਸ਼ ਸਿੰਘ)
 3. ਪ੍ਰਾਰਥਨਾ (ਡਾ. ਬਲਬੀਰ ਸਿੰਘ)
 4. ਮੇਰੇ ਵੱਡੇ-ਵਡੇਰੇ (ਗਿਆਨੀ ਗੁਰਦਿੱਤ ਸਿੰਘ)
 5. ਤੁਰਨ ਦਾ ਹੁਨਰ (ਡਾ. ਨਰਿੰਦਰ ਸਿੰਘ ਕਪੂਰ)

2. ਵੰਨਗੀ 10 (ਪੰਜਾਬੀ ਕਹਾਣੀਆਂ ਤੇ ਇਕਾਂਗੀ)

- ਕਹਾਣੀਆਂ - 1. ਕੁਲਫੀ (ਸੁਜਾਨ ਸਿੰਘ)
 2. ਅੰਗ-ਸੰਗ (ਵਰਿਆਮ ਸਿੰਘ ਸੰਧੂ)
 3. ਧਰਤੀ ਹੇਠਲਾ ਬਲਦ (ਕੁਲਵੰਤ ਸਿੰਘ ਵਿਰਕ)
- ਇਕਾਂਗੀ - 1. ਜ਼ਫਰਨਾਮਾ (ਡਾ. ਹਰਚਰਨ ਸਿੰਘ)
 2. ਦੂਜਾ ਵਿਆਹ (ਸੰਤ ਸਿੰਘ ਸੇਖੋ)

ਨਿਰਧਾਰਤ ਪਾਠ-ਪੁਸਤਕਾਂ :

1. ਸਾਹਿਤ ਮਾਲਾ 10 (ਪੰਜਾਬ ਸਕੂਲ ਸਿੱਖਿਆ ਬੋਰਡ)
2. ਵੰਨਗੀ 10 (ਪੰਜਾਬ ਸਕੂਲ ਸਿੱਖਿਆ ਬੋਰਡ)

ਨੋਟ- 1. ਸਾਹਿਤ ਮਾਲਾ 10, 2. ਵੰਨਗੀ 10 ਪਾਠ-ਪੁਸਤਕਾਂ ਨੂੰ ਪੰਜਾਬ ਸਕੂਲ ਸਿੱਖਿਆ ਬੋਰਡ, ਸਾਹਿਬਜ਼ਾਦਾ ਅਜੀਤ ਸਿੰਘ ਨਗਰ (ਮੋਹਾਲੀ) ਵੱਲੋਂ ਪ੍ਰਕਾਸ਼ਤ ਕੀਤਾ ਗਿਆ ਹੈ।

ਯੂਨਿਟ ਟੈਸਟ ਅੰਕ ਵੰਡ 20

ਪ੍ਰਸ਼ਨ 1) ਅਤਿ ਛੋਟੇ ਉੱਤਰਾਂ ਵਾਲੇ ਪ੍ਰਸ਼ਨ

ੳ) ਕਹਾਣੀ/ਵਾਰਤਕ (ਬਹੁਵਿਕਲਪੀ) $2 \times 1 = 2$

ਅ) ਕਵਿਤਾ/ਇਕਾਂਗੀ (ਇੱਕ ਸ਼ਬਦ ਵਾਲੇ) $2 \times 1 = 2$

ਪ੍ਰਸ਼ਨ 2) ਛੋਟੇ ਉੱਤਰਾਂ ਵਾਲੇ ਪ੍ਰਸ਼ਨ ਕਹਾਣੀ ਵਿੱਚੋਂ (25-30 ਸ਼ਬਦਾਂ ਵਾਲੇ) $2 \times 2 = 4$

ਪ੍ਰਸ਼ਨ 3) ਵੱਡੇ ਉੱਤਰ ਵਾਲਾ ਪ੍ਰਸ਼ਨ (50-60) ਸ਼ਬਦਾਂ 'ਚ ਕਵਿਤਾ/ਵਾਰਤਕ $4 \times 1 = 4$

ਪ੍ਰਸ਼ਨ 4) ਵਿਆਕਰਨ 4

ਪ੍ਰਸ਼ਨ 5) ਪੱਤਰ (ਨਿੱਜੀ)

Unit - 1

ਕਹਾਣੀ	ਕੁਲਫੀ
ਕਵਿਤਾ	ਸੋ ਕਿਉਂ ਮੈਂਦਾ ਆਖੀਐ
ਵਿਆਕਰਣ	ਮੁਹਾਵਰੇ (ਕ ਅਖਰ), ਬਹੁਆਰਥਕ ਸ਼ਬਦ (ੳ ਤੋਂ ਅ)
	ਸਮਾਸੀ ਸ਼ਬਦ (ਸਮਾਨਾਰਥਕ ਸ਼ਬਦ)

Unit - 2

ਵਾਰਤਕ	ਘਰ ਦਾ ਪਿਆਰ
ਵਿਆਕਰਣ	ਸਮਾਸੀ ਸ਼ਬਦ (ਵਿਰੋਧੀ ਸ਼ਬਦ), ਮੁਹਾਵਰੇ (ਖ), ਬਹੁਆਰਥਕ (ਸ) ਅੱਖਰ
ਪੱਤਰ	ਨਿੱਜੀ
ਗਤੀਵਿਧੀ	ਸਮਾਜਿਕ ਵਿਸ਼ਿਆਂ ਤੇ ਅਧਾਰਿਤ ਕੋਈ ਇੱਕ ਸਵੈ ਰਚਿਤ ਕਹਾਣੀ ਜਾਂ ਲੇਖ ਜਾਂ ਪੋਸਟਰ ਬਣਾਓ

ਜਾਂ

ਕਵਿਤਾ ਕੁਦਰਤ ਵਿਸ਼ੇ ਨੂੰ ਧਿਆਨ ਵਿੱਚ ਰੱਖਕੇ ਸਵੈ ਰਚਿਤ ਕਵਿਤਾ ਲਿਖੋ।

Unit - 3

ਕਵਿਤਾ	ਕਿਰਪਾ ਕਰਕੇ ਬਖਸਿ ਲੇਹੂ
ਵਾਰਤਕ	ਬੋਲੀ
ਅਣਡਿੱਠਾ ਪੈਰਾ	
ਵਿਆਕਰਣ	ਬਹੁਅਰਥਕ (ਹ-ਕ) ਸਮਾਸੀ ਸ਼ਬਦ (ਭਿੰਨ-ਭਿੰਨ ਅੱਖਰ), ਮੁਹਾਵਰੇ (ਗ), ਪਿਛੇਤਰ - ਉ ਤੇ ਅ, ਅਗੇਤਰ - ਉ ਤੇ ਅ, ਲੇਖ ਰਚਨਾ

Unit - 4

ਕਹਾਣੀ	ਅੰਗ-ਸੰਗ
ਕਵਿਤਾ	ਤੂੰ ਮੇਰਾ ਪਿਤਾ ਤੂੰ ਹੈ ਮੇਰਾ ਮਾਤਾ
ਵਿਆਕਰਣ	ਬਹੁਅਰਥਕ (ਖ-ਗ-ਘ) (੭) ਸਮਾਸੀ (ਸਾਰਥਕ ਤੇ ਨਿਰਾਰਥਕ) ਪਿਛੇਤਰ (ਆ) (ਪ) ਲੇਖ ਰਚਨਾ, ਚਿੱਤਰ-ਵਰਨਣ ਮੁਹਾਵਰੇ (ਘ)

Unit - 5

ਇਕਾਂਗੀ	ਜ਼ਫ਼ਰਨਾਮਾ
ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ	
ਵਿਆਕਰਣ	ਬਹੁਅਰਥਕ (ਚ ਤੋਂ ਟ), ਸਮਾਸੀ (ਦੁਹਰਾਵੇਂ), ਅਗੇਤਰ (ਏ ਤੋਂ ਸ) ਪਿਛੇਤਰ (ਏ) ਕਿਰਿਆ-ਵਿਸ਼ੇਸ਼ਣ, ਮੁਹਾਵਰੇ (ਚ)
ਗਤੀਵਿਧੀ	ਜ਼ਫ਼ਰਨਾਮਾ ਇਕਾਂਗੀ ਦੇ ਅਧਾਰ ਤੇ ਔਰੰਗਜ਼ੇਬ ਦੀ ਮਾਨਸੀਕ ਹਾਲਤ ਦਾ ਬਿਆਨ ਸੁਚੱਜੇ ਢੰਗ ਨਾਲ ਆਪਣੇ ਸ਼ਬਦਾਂ ਵਿੱਚ ਬਿਆਨ ਕਰੋ।

Unit - 6

ਵਾਰਤਕ	ਪ੍ਰਾਰਥਨਾ
ਕਵਿਤਾ	ਸਤਿਗੁਰੂ ਨਾਨਕ ਪ੍ਰਗਟਿਆ
ਵਿਆਕਰਨ	ਬਹੁਅਰਥਕ (ਡ ਤੋਂ ਨ ਤੱਕ) ਸਮਾਸੀ (ਉਰਦੂ-ਫਾਰਸੀ), ਅਗੇਤਰ (ਹ ਤੋਂ ਚ ਤੱਕ) ਪਿਛੇਤਰ (ਸ ਤੋਂ ਕ), ਮੁਹਾਵਰੇ (ਛ ਅਖਰ)
ਗਤੀਵਿਧੀ	ਘਰ ਦਾ ਪਿਆਰ ਲੇਖ ਤੇ ਅਧਾਰਿਤ ਆਪਣੇ ਪਾਰਿਵਾਰਿਕ ਮੈਂਬਰਾਂ, ਰਿਸ਼ਤੇਦਾਰਾਂ

ਜਾਂ

ਜਾਣ-ਪਛਾਣ ਵਾਲੀਆਂ ਵਿੱਚੋਂ ਕਿਸੇ ਇੱਕ ਦੀ ਸ਼ਖਸੀਅਤ ਨੂੰ ਧਿਆਨ ਕਰੋ ਜਿਸ ਨੂੰ ਆਪਣਾ ਆਦਰਸ਼ (Role Model) ਮੰਨਦੇ ਹੋ ਜਾਂ ਮਾਤ ਭਾਸ਼ਾ ਦੀ ਮਹਾਨਤਾ ਨੂੰ ਧਿਆਨ ਕਰਦੀਆਂ ਹੋਇਆ ਸਪਸ਼ਟ ਕਰੋ ਕਿ ਬੋਲੀ ਰਾਹੀਂ ਮਨੁੱਖ ਦੀ ਸ਼ਖਸੀਅਤ ਕਿਵੇਂ ਬਿਆਨ ਹੁੰਦੀ ਹੈ

ਜਾਂ

ਅਰਦਾਸ ਦੀ ਮਹਾਨਤਾ ਨੂੰ ਬਿਆਨ ਕਰਦੀਆਂ ਹੋਇਆ ਆਪਣੀ ਜਿੰਦਗੀ ਦਾ ਉਹ ਅਨੁਭਵ ਸਾਂਝਾ ਕਰੋ ਜਦੋਂ ਮਹਿਸੂਸ ਕੀਤਾ ਹੋਵੇ ਕਿ ਸੱਚੇ ਦਿਲੋਂ ਕੀਤੀ ਅਰਦਾਸ ਸੁਣੀ ਜਾਂਦੀ ਹੈ।

Unit - 7

ਕਹਾਣੀ	ਧਰਤੀ ਹੇਠਲਾ ਬਲਦ
ਵਾਰਤਕ	ਮੇਰੇ ਵੱਡੇ ਵਡੇਰੇ
ਅਣਡਿੱਠਾ ਪੈਰਾ	
ਵਿਆਕਰਨ	ਬਹੁਅਰਥਕ (ਪ ਤੋਂ ਰ), ਸਮਾਸੀ (ਵਾਕੰਸ਼ਾ ਤੇ ਅਧਾਰਿਤ), ਅਗੇਤਰ (ਛ ਤੋਂ ਨ) ਪਿਛੇਤਰ (ਖ ਤੋਂ ਣ), ਮੁਹਾਵਰੇ (ਝ, ਜ) ਦਫ਼ਤਰੀ ਪੱਤਰ

Unit - 8

ਕਵਿਤਾ	ਜੰਗ ਦਾ ਹਾਲ
ਵਾਰਤਕ	ਤੁਰਨ ਦਾ ਹੁਨਰ

ਵਿਆਕਰਨ ਬਹੁਅਰਥਕ (ਲ ਤੋਂ ਵ), ਪਿਛੇਤਰ (ਤ ਤੋਂ ਦ), ਸਮਾਸੀ (ਸਮਾਨਰਥਕ, ਵਿਰੋਧੀ),
ਮੁਹਾਵਰੇ (ਕ, ਖ, ਗ, ਘ)
ਗਤੀਵਿਧੀ ਪਾਠ ਪੁਸਤਕ ਵਿੱਚ ਦਿੱਤੀਆਂ ਕਵਿਤਾਵਾਂ ਦੇ ਆਧਾਰ ਤੇ ਲਿਖਤੀ ਕੁਇਜ਼ ਕਰਵਾਇਆ
ਜਾਵੇਗਾ।

Unit - 9

ਇਕਾਂਗੀ ਦੂਜਾ ਵਿਆਹ

ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ

ਵਿਆਕਰਨ ਅਗੇਤਰ (ਪ ਤੋਂ ਬ ਤੱਕ), ਪਿਛੇਤਰ (ਪ ਤੋਂ ਬ ਅੱਖਰ), ਸਮਾਸੀ (ਸਾਰਥਕ-ਨਿਰਾਰਥਕ,
ਦੁਹਰਾਵੇ) ਮੁਹਾਵਰੇ (ਚ, ਛ, ਜ, ਝ)

A.S.L. ਗਤੀਵਿਧੀ ਸੁਣਨ ਅਤੇ ਬੋਲਣ ਕਲਾ ਨਾਲ ਸੰਬੰਧਤ ਗਤੀਵਿਧੀ ਕਰਵਾਈ ਜਾਵੇਗੀ।

Unit - 10

ਦੁਹਰਾਈ

ਵਿਆਕਰਨ ਪਿਛੇਤਰ (ਭ ਤੋਂ ਸ ਅੱਖਰ), ਅਗੇਤਰ (ਭ ਤੋਂ ਵ ਤੱਕ), ਸਮਾਸੀ (ਉਰਦੂ-ਫਾਰਸੀ ਤੇ
ਵਾਕਾਂਸ਼ਾਂ ਤੇ ਆਧਾਰਿਤ, ਚਿੱਤਰ ਵਰਨਣ)