COURSE STRUCTURE

(Annual Examination)

Marks: 80

Unit	Unit	Marks
No.		
	Chemical Substances-Nature and Behaviour	25
TI	World of Living	25
Ш	Natural Phenomena	12
IV	Effects of Current	13
V	Natural Resources	05
	Total	80
	Internal assessment	20
$\overline{}$	Grand Total	100

Theme: Materials

Unit I: Chemical Substances - Nature and Behaviour

Chemical reactions: Chemical equation, Balanced chemical equation, implications of a balanced chemical equation, types of chemical reactions: combination, decomposition, displacement, double displacement, precipitation, endothermic exothermic reactions, oxidation and reduction.

Acids, bases and salts: Their definitions in terms of furnishing of H+ and OH- ions, General properties, examples and uses, neutralization, concept of pH scale (Definition relating to logarithm not required), importance of pH in everyday life; preparation and uses of Sodium Hydroxide, Bleaching powder, Baking soda, Washing soda and Plaster of Paris.

Metals and nonmetals: Properties of metals and non-metals; Reactivity series; Formation and properties of ionic compounds; Basic metallurgical processes; Corrosion and its prevention.

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

Theme: The World of the Living

Unit II: World of Living

Life processes: 'Living Being'. Basic concept of nutrition, respiration, transport and excretion in plants and animals.

Control and co-ordination in animals and plants: Tropic movements in plants; Introduction of plant hormones; Control and co-ordination in animals: Nervous system; Voluntary, involuntary and reflex action; Chemical co-ordination: animal hormones.

Reproduction: Reproduction in animals and plants (asexual and sexual) reproductive health - need and methods of family planning. Safe sex vs HIV/AIDS. Child bearing and women's health.

Heredity and Evolution: Heredity; Mendel's contribution- Laws for inheritance of traits: Sex determination: brief introduction: (topics excluded - evolution; evolution and classification and evolution should not be equated with progress).

Theme: Natural Phenomena
Unit III: Natural Phenomena

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.

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.

Functioning of a lens in human eye, defects of vision and their corrections, applications of spherical mirrors and lenses.

Refraction of light through a prism, dispersion of light, scattering of light, applications in dailylife (excluding colour of the sun at sunrise and sunset).

Theme: How Things Work

Unit IV: Effects of Current

Electric current, potential difference and electric current. Ohm's law; Resistance, Resistivity, Factors on which the resistance of a conductor depends. Series combination of resistors, parallel combination of resistors and its applications in daily life. Heating effect of electric current and its applications in daily life. Electric power, Interrelation between P, V, I and R. **Magnetic effects of current**: Magnetic field, field lines, field due to a current carryingconductor, field due to current carrying coil or solenoid; Force on current carrying conductor, Fleming's Left Hand Rule, Direct current. Alternating current: frequency of AC. Advantage of AC over DC. Domestic electric circuits.

Theme: Natural Resources

Unit V: Natural Resources

Our environment: Eco-system, Environmental problems, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substances.

(Class X) Subject: English language and Literature

Break up Syllabus for the session 2023-24

Books Prescribed

- 1. First Flight (NCERT)
- 2. Footprints without Feet (NCERT)

Month	Book/Skill	Chapter	Topics	Period
April			Introduction	1
(19 days)	First Flight	FF 1	A letter to God	2
		FF P 1	Dust of Snow	2
		FF P 2	Fire and Ice	1
	Footprints	FWF 1	A Triumph of Surgery	2
	Without Feet	FWF 2	The Thief's Story	2
	Writing	WS	Letter : Placing Order	3
	Grammar	IGP	Integrated Grammar Practice(Tenses)	2
	First Flight	FF 2	Nelson Mandela : Long walk to Freedom	4
May	First Flight	FF 2	Two Stories About Flying	3
(11 days)	Writing	WS	Letter: Making Enquiry	2
	First Flight	FF P 3	A Tiger in the Zoo	1
	Footprints Without Feet	FWF 3	The Midnight Visitor	2
	First Flight	FF 4	From the Diary of Anne Frank	3
June	First Flight	FF P 4	How to tell Wild Animals	1
(16 days)	Grammar	IGP	Integrated Grammar Practice(Reported Speech)	3
	Writing	WS	Letter : Editor	1
	Footprints Without Feet	FWF 2	A Question of Trust	2
	Grammar	IGP	Integrated Grammar Practice (Determiners)	2
	Writing	WS	Letter : Making Enquiry	1
	ASL	ASL	ASL	3
	Grammar	IGP	Integrated Grammar Practice (Subject Verb Agreement)	3
July			Discussion and Distribution of Test Series Papers	1
(17 +6*	First Flight	FF 5	The Glimpses of India	6
days)		FF P 5	The Ball Poem	2
*Test series	Footprints Without Feet	FWF 5	Footprints Without Feet	3
	Writing	WS	Letter : Lodging Complaint	2
			Analytical Paragraph	3

August	First Flight	FF 6	Mijbil the Otter	3
(22 days)		FF P 6	Amanda	2
	Footprints Without Feet	FWF 6	The Making of a Scientist	3
	ASL	ASL	ASL	4
	Grammar Writing	IGP WS	Integrated Grammar Practice Analytical Paragraph	3 2
	First Flight	FF 6 FF P 7	Madam Rides the Bus The Trees	3 2

September (days)	Revision		Revision	
			HALY YEARLY EXAMINATION	
October (19 days)	Footprints Without Feet Writing	FWF 7	The Necklace	3
	First Flight	FF 8 FF P 8	The Sermon at Benares Fog	2 1
	Writing	FF P 9 WS	The Tale of Custard the Dragon Letter: Placing Order, Making Enquiry and Lodging Complaint	3
	Footprints Without Feet	FWF 8	Bholi	4
	Writing	WS	Analytical Paragraph	2
	Reading	RS	Comprehension Passage	2
November	First Flight	FF 9	The Proposal	5
(17 days)		FF 10	For Anne Gregory	2
	Footprints Without Feet	FWF 9	The Book that Saved the Earth	4
	Writing	WS	Writing Skills	3
	Grammar	IGP	Integrated Grammar Practice	3
December (days)	Revision		Revision PRE- BOARD EXAMINATION	

Class X syllabus of Information Technology (402) Session-2023-24

Employability Skills

Unit 1 Communication Skills 1

Session 1 Methods of Communication

Session 2 Verbal Communication

Session 3 Non-verbal Communication

Session 4 Communication Cycle and Importance of Feedback

Session 5 Barriers to Effective Communication

Session 6 Writing Skills — Parts of Speech

Session 7 Writing Skills — Sentences

Unit 2 Self-management Skills

Session 1 Stress Management

Session 2 Self-awareness — Strength and Weakness Analysis

Session 3 Self-motivation

Session 4 Self-regulation — Goal Setting

Session 5 Self-regulation — Time Management

Unit 3 Information and Communication Technology Skills

Session 1 Basic Computer Operations

Session 2 Performing Basic File Operations

Session 3 Computer Care and Maintenance

Session 4 Computer Security and Privacy

Unit 4 Entrepreneurial Skills

Session 1 Entrepreneurship and Society

Session 2 Qualities and Functions of an Entrepreneur

Session 3 Myths about Entrepreneurship

Session 4 Entrepreneurship as a Career Option

Unit 5 Green Skills

Session 1 Sustainable Development

Session 2 Our Role in Sustainable Development

Information Technology

UNIT 1: DIGITAL DOCUMENTATION (ADVANCED)

SESSION 1: CREATE AND APPLY STYLES IN THE DOCUMENT

SESSION 2: INSERT AND USE IMAGES

SESSION 3: CREATE AND USE TEMPLATE

SESSION 4: CREATE AND CUSTOMIZE TABLE OF CONTENTS

SESSION 5: IMPLEMENT MAIL MERGE

UNIT-2: ELECTRONIC SPREADSHEET (ADVANCED)

SESSION 1: ANALYSE DATA USING SCENARIOS AND GOAL SEEK

SESSION 2: LINK DATA AND SPREADSHEETS

SESSION 3: SHARE AND REVIEW A SPREADSHEET

SESSION 4: CREATE AND USE MACROS IN SPREADSHEET

UNIT-3 RELATIONAL DATABASE MANAGEMENT SYSTEMS (BASIC)

SESSION 1: APPRECIATE THE CONCEPT OF DATABASE MANAGEMENT SYSTEM

SESSION 2: CREATE AND EDIT TABLES USING WIZARD AND SQL COMMANDS

SESSION 3: PERFORM OPERATIONS ON TABLE

SESSION 4: RETRIEVE DATA USING QUERY

SESSION 5: CREATE FORMS AND REPORTS USING WIZARD

UNIT-4 WEB APPLICATIONS AND SECURITY

SESSION 1: WORKING WITH ACCESSIBILITY OPTIONS

SESSION 2: NETWORKING FUNDAMENTALS

SESSION 3: INTRODUCTION TO INSTANT MESSAGING

SESSION 4: CHATTING WITH A CONTACT - GOOGLE TALK

SESSION 5: CREATING AND PUBLISHING WEB PAGES - BLOG

SESSION 6: USING OFFLINE BLOG EDITORS

SESSION 7: ONLINE TRANSACTIONS

SESSION 8: INTERNET SECURITY

SESSION 9: MAINTAIN WORKPLACE SAFETY

SESSION 10: PREVENT ACCIDENTS AND EMERGENCIES

SESSION 11: PROTECT HEALTH AND SAFETY AT WORK



DELHI PUBLIC SCHOOL, DHANBAD

HALF YEARLY BIOLOGY SYLLABUS FOR CLASS-X (2023-24)

(APRIL -SEPTEMBER)

	Pds.	TOPICS WITH BREAK UP	
MONTH			
APRIL	11	CHAPTER: LIFE PROCESSES: 'Living Being'. Basic concept of nutrition, respiration, transport and excretion in plants and animals.	
MAY	8	CHAPTER: LIFE PROCESSES: CONTD. Transport and excretion in plants and animals.	
JUNE	8	CHAPTER: CONTROL AND COORDINATION IN PLANTS AND ANIMALS: Tropic movements in plants; Introduction of plant hormones; Control and co-ordination in animals:.	
JULY	6	CHAPTER: CONTROL AND COORDINATION IN PLANTS AND ANIMALS: CONTD. Nervous system; Voluntary, involuntary and reflex action; Chemical coordination: animal hormones.	
AUGUST	8	CHAPTER; OUR ENVIRONMENT: Eco-system, Environmental problems, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substances.	

	Revision: Discussion and Practice Work	XS .		
SEPTEMBER	HALF YEARLY EXAMINATION			
	PTM AND PROGRESS REPORT	TOTAL MARKS =	30	
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DELHI PUBLIC SCHOOL, DHANBAD

FINAL TERM BIOLOGY SYLLABUS FOR CLASS- X (2023-24)

(OCTOBER-MARCH)

	Pds.	TOPICS WITH BREAK UP			
MONTH					
OCTOBER	10	CHAPTER: REPRODUCTION(HOW DO ORGANISMS REPRODUES): Reproduction in animals and plants Asexual and sexual reproduction Health-need and methods of family planning. Safe sex vs HIV/AIDS. Sex-ratio ,Child bearing and women's health.			
		Sale sex vs III v/AIDs. Sex-ratio, enha bearing and women's heatin.			
NOVEMBER	8	CHAPTER: HEREDITY AND EVOLUTION Heredity; Mendel's contribution- Laws for inheritance of traits: Sex determination: brief introduction: (topics excluded-evolution; evolution and classification and evolution should not be equated with progress).			
DECEMBER	8	REVISION: CHAPTER:; LIFE PROCESSES 'Living Being'. Basic concept of nutrition, respiration, transport and excretion in plants and animals. REVISION: CHAPTER: CONTROL AND COORDINATION IN PLANTS AND ANIMALS:			

		Tropic movements in plants; Introduction of plant hormones; Control and co-ordination in animals: Nervous system; Voluntary, involuntary and reflex action; Chemical co-ordination: animal hormones.	
		REVISION:	
		CHAPTER: REPRODUCTION(HOW DO ORGANISMS REPRODUES):	
		Reproduction in animals and plants	
		Asexual and sexual reproduction	
		Health-need and methods of family planning.	
		Safe sex vs HIV/AIDS. Sex-ratio ,Child bearing and women's health.	
		REVISION:	
JANUARY	8	CHAPTER: HEREDITY AND EVOLUTION	
		Heredity; Mendel's contribution- Laws for inheritance of traits: Sex determination: brief introduction:	
		(topics excluded-evolution; evolution and classification and evolution should not be equated with progress).	
		REVISION:	
		CHAPTER; OUR ENVIRONMENT:	
		Eco-system, Environmental problems, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substances.	
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FEBRUARY	-	CBSE BOARD EXAMINATION 2023-24	
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MARCH		CBSE BOARD EXAMINATION 2023-24	
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COURSE STRUCTURE CLASS -X

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

UNIT I: NUMBER SYSTEMS

1. REAL NUMBER (15) Periods

Fundamental Theorem of Arithmetic - statements after reviewing work done earlier and after illustrating and motivating through examples, Proofs of irrationality of $\sqrt{2}$, $\sqrt{3}$ $\sqrt{5}$

UNIT II: ALGEBRA

1. POLYNOMIALS (8) Periods

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

2. PAIR OF LINEAR EQUATIONS IN TWO VARIABLES (15) Periods

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.

3. QUADRATIC EQUATIONS (15) Periods

Standard form of a quadratic equation $ax^2 + bx + c = 0$, $(a \ne 0)$. 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.

4. ARITHMETIC PROGRESSIONS

(10) Periods

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 III: COORDINATE GEOMETRY

Coordinate Geometry

(15) Periods

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

UNIT IV: GEOMETRY

1. TRIANGLES (15) Periods

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.

2. CIRCLES (10) Periods

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.

UNIT V: TRIGONOMETRY

1. INTRODUCTION TO TRIGONOMETRY

(10) Periods

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.

2. TRIGONOMETRIC IDENTITIES

(15) Periods

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

3. HEIGHTS AND DISTANCES: Angle of elevation, Angle of Depression. (10)Periods

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

UNIT VI: MENSURATION

1. AREAS RELATED TO CIRCLES

(12) Periods

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.

2. SURFACE AREAS AND VOLUMES

(12) Periods

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

UNIT VII: STATISTICS AND PROBABILITY

1. STATISTICS (18) Periods

Mean, median and mode of grouped data (bimodal situation to be avoided).

2. PROBABILITY (10) Periods

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

MATHEMATICS-Standard QUESTION PAPER DESIGN CLASS – X (2023-24)

Time: 3 Hours Max. Marks: 80

S. No.	Typology of Questions	Total Marks	% Weightage (approx.)
	Remembering: Exhibit memory of previously learned material by recalling facts, terms, basic concepts, and answers.	43	54
1	Understanding: Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas		
2	Applying: Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way.	19	24
	Analysing: Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations	18	22
3	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		
	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 (2023-24)

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.	60	75
'	Understanding: Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas		
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 IX NCERT Publication
- 2. Mathematics Textbook for class X NCERT Publication
- 3. Guidelines for Mathematics Laboratory in Schools, class IX CBSE Publication
- 4. Guidelines for Mathematics Laboratory in Schools, class X CBSE Publication
- 5. Laboratory Manual Mathematics, secondary stage NCERT Publication
- 6. Mathematics exemplar problems for class IX, NCERT publication.
- 7. Mathematics exemplar problems for class X, NCERT publication.

कक्षा – दशमी

संस्कृतम् (सम्प्रेषणात्मकम्) कोड् सङ्ख्या - 119 पाठ्यकमः परीक्षानिर्देशाश्च (2023-24)

या अन्तस्स्थले विद्यमानान् विविधविचारान् भावान् विविधाः अनुभूतीः च सार्थकैः ध्वनिभिः लिखितैः सङ्केतैः च प्रकटयित व्यक्तीकरोति सा भाषा। वस्तुतः भाषा अभिप्रायप्रकटनस्यैव विशिष्टं साधनं वर्तते। समाजे जनानां परस्परं भावग्रहणाय, भावविनिमयाय भावावबोधनाय च भाषा एव सरलतमं स्पष्टतमं च साधनं विद्यते। संसारे द्विसहस्राधिकभाषाः अधुना जनैः प्रयुज्यन्ते यासु गीर्वाणभाषा देववाणी संस्कृतभाषा प्राचीनतमा समृद्धा चास्ति। अस्यामेव भाषायां चतुर्भः वेदैः षड्वेदाङ्गेः च सुसम्पन्नाः चतुर्दशिवद्याः, विज्ञानम्, आयुर्वेदः, गणितं योगशास्त्रादयश्च ग्रन्थाः सुनिबद्धाः विद्यन्ते। एतेन अनुमातुं शक्यते यत् संस्कृतं केवलं भावप्रकटीकरणस्य विचारिविनिमयस्य च माध्यमः एव न अपितु एकं विशिष्टं जीवनदर्शनम् अपि विद्यते। इतिहासः प्रमाणमत्र यत् सृष्टेः आदितः अद्यावधि यत् शिक्षणं ज्ञानविज्ञानं च अस्ति तत् सर्वम् अस्यां भाषायामेव अतीव वैज्ञानिकविधिना सिन्निहितम् अस्ति। मनसः गहनातिगहनभावानां विविधविचाराणां च स्पष्टतया प्रकटीकरणार्थं संस्कृतं विना अन्यत्र नैव विद्यते वैशिष्ट्यम्। भारतीयं सर्वस्वं विश्वस्य समग्रं तत्त्वं च अस्यां भाषायाम् अस्ति।

संस्कृतस्य भाषावैज्ञानिकत्वम् - ऐतिहासिक-वर्णनात्मक-तुल्रनात्मकाध्ययन-द्वारा भाषायाः प्रकृतेः विकासोत्पत्तेः संरचनायाः अध्ययनपूर्वकं सर्वेषां विषयाणां सेद्धान्तिकः निर्णयः भाषाविज्ञानेन क्रियते। भाषाविज्ञान-नामकशास्त्रे शब्दानाम् उत्पत्तिः, वाक्यानां संरचना इत्यादीनां विषयाणां विचारः क्रियते। भाषाविज्ञानस्य सम्बन्धः सर्वेषां मानवानां भाषाभिः सह अस्ति। एवं भाषाविज्ञाने ध्वनेः, ध्वनि-उच्चारणोपयोगिनां स्वरयन्त्रमुखिजह्वादि-अङ्गानां प्रकृति-प्रत्ययादीनां, संज्ञासर्वनाम-क्रिया-विशेषणादीनां नामाख्यात-उपसर्जननिपातानां पद्पदार्थविषयकाणां विकारादीनां विकारमूलककारकाणाम् अन्येषां विविधविषयाणाञ्च अध्ययनं क्रियते। भाषाविज्ञाने संस्कृतभाषा-विषयक-वर्णोत्पत्ति-सिद्धान्तस्य अतीव वैज्ञानिकं निरूपणं कृतं वर्तते।

विश्वस्य सर्वासु भाषासु संस्कृतभाषा प्राचीनतमा अस्ति। प्रायः सर्वासु भाषासु संस्कृतपरकशब्दाः उपलभ्यन्ते। संस्कृतभाषा भारतीयभाषाणां जननी इति कथ्यते। सर्वासु भारतीयभाषासु संस्कृतभाषा अन्तर्लीना अस्ति इति सर्वे अङ्गीकुर्वन्ति।

भारतदेशः बहुभाषी देशोऽस्ति। अस्मिन् देशे अनेकतायाम् एकतावर्धिनी भाषेयं सामाजिकसमरसतायै जीवनविकासाय च आवश्यकी वर्तते। संस्कृतस्य सांस्कृतिकं महत्त्वं वर्णयन्तः विद्वांसः कथयन्ति "भारतस्य प्रतिष्ठे द्वे संस्कृतं संस्कृतिस्तथा, संस्कृतिमूलं संस्कृतम्, साहित्यं संस्कृतिवाहकञ्च इति।" एषा संस्कृतिः न केवलं भारतस्य अपि तु विश्वस्य मुकुटायमाना अस्ति। उक्तं च-

सत्यमहिंसादिगुणैः श्रेष्ठा विश्वबन्धुत्विशक्षिका। विश्वशान्तिः सुखधात्री भारतीया हि संस्कृतिः॥

संस्कृतस्य व्यापकत्वं ज्ञायते अनेन पद्येन -

संस्कृते संस्कृतिर्ज्ञीया संस्कृते सकलाः कलाः। संस्कृते सकलं ज्ञानं संस्कृते किन्न विद्यते॥ एवं संस्कृतभाषा परिनिष्ठिता, दोषरिहता, सरला, गभीरा, यथार्था वैज्ञानिकी च भाषा अस्ति। सम्प्रति युगेऽस्मिन् प्रमुखैः उद्देश्यैः संस्कृतभाषा शिक्षणीया अस्ति।

शिक्षणोद्देश्यानि -

- वसुधैव-कुटुम्बकम् इति भावनाविकासः ।
- * भारतीयभाषाणां संरक्षणम्।
- संस्कृतभाषया सम्प्रेषणकौशलविकासः।
- परस्परं संस्कृतसम्भाषणेन भावविनिमयः।
- संस्कृत-भाषया एव संस्कृत-शिक्षणम्।
- श्रवण-भाषण-पठन-लेखनेति चतुर्णां भाषिक-कौशलानां विकासः।
- बौद्धिकविकासपुरस्सरम् आध्यात्मिकनैतिकज्ञानम्।
- मानसिकविकासानन्दानुभूतिः रसानुभूतिश्च।
- भारतीयसंस्कृतेः संरक्षणं ज्ञानवर्धनञ्च।
- * आत्मानुशासनसंस्थापनम्।
- भाषाशिक्षणकौशलानि वर्धनाय नैपुण्यप्राप्तिः।
- संस्कृतसाहित्यस्य अध्ययनेन ज्ञानानन्दस्य अनुभूतिः।
- मानवजीवनस्य विकासपूर्वकं कल्याणम्।
- संस्कृतभाषया छात्राणां सर्वविधविकासः।

शिक्षणप्रविधयः -

- संस्कृतमाध्यमेन सम्भाषणविधिना शनैः शनैः संस्कृत-शिक्षणं सम्भविष्यति। गतिवर्धनाय
 संस्कृताध्यापकैः धैर्येण स्वकीयाध्यापन-कार्यक्रमाणां नियोजनम्। रुचिकरभाषाभ्यासेन
 भाषिकोपलिखः। भाषिकाभ्यासाय वार्तालाप-कथाश्रवण-वाद्विवाद-संवाद-वर्णनपरक-प्रतियोगिताभिः
 भाषाशिक्षणं कार्यतुं शक्यते।
- विभिन्नप्रामाणिकसंस्थानां कार्यक्रमाः साहित्यसामग्र्यश्च प्रयुज्य उत्तमशिक्षणं कर्तुं शक्यते।
- संस्कृतभाषया उपलब्ध-दृश्य-श्रव्य-सामग्री-माध्यमेन भाषाभ्यासः।
- विभिन्नपाठ्यसामग्रीद्वारा शिक्षकः स्वकीयं शिक्षणकार्यं रुचिकरं कर्तुं शक्नोति।
- भाषाशिक्षकः छात्रान् स्नेहपूर्वकम् (आत्मीयभावेन) पाठयेत्।
- अद्यतनपूर्वकं साहित्यकोश-राब्दकोश-सन्दर्भग्रन्थानां सहायतया छात्राणां तत्परतावर्धनम्।
- प्राचीनार्वाचीनयोर्मध्ये समन्वयस्थापनद्वारा नूतनिशक्षणविधिभिश्च संस्कृतिशक्षणम्।
- सङ्गणकमाध्यमेन अन्तर्जाले विद्यमानसामग्रीभिश्च संस्कृतिशक्षणम्।

कौशलानि-

- ज्ञानात्मक-अवबोधनात्मक-अनुप्रयोगात्मक-विश्लेषणात्मक-संश्लेषणात्मक-मृत्याङ्कनात्मक-लक्षिताधिगमनविशेषाः ।
- * श्रवणकौशलम् भावाधिग्रहणाय ध्वन्यात्मकं भाषायाः प्रथमं कौशलम् इदम्। अस्य साधनानि गुरुमुखम्, आकाशवाणी, दूरवाणी, परिवारसदस्याः, समाजः, कक्ष्याः, ध्वनिमुद्रणयन्त्रम्, दूरदर्शनम् इत्यादीनि।

- * भाषणकौशलम्- भावाभिव्यक्तये ध्वन्यात्मकं भाषायाः इदं द्वितीयं कौशलम्। वाग्-रूपं भावप्रकटनम् एव भाषणम्, परिसरप्रभावेण आधारेण वा भाषणशक्तिः जायते।
- * **पठनकौशलम्** भावाधिग्रहणाय लिप्यात्मकं भाषायाः तृतीयं कौशलम् इदम्। (अर्थग्रहणपूर्वकं स्पष्टरूप-वाचनम् इत्यर्थः।)
- * **लेखनकौशलम्** भावाभिव्यक्तये लिप्यात्मकं भाषायाः चतुर्थं कौशलम् इदम्। (ध्वनिरूपेण विद्यमानं भाषांशं लिपिरूपेण अवतारणं लेखनम् इति उच्यते।)

कक्षा – दशमी (2023-24) संस्कृतम् (सम्प्रेषणात्मकम्) कोड् सङ्ख्या - 119

आहत्य-अङ्काः - 80+20 आहत्य-कालांशाः – 200

वार्षिकमूल्याङ्कनाय निर्मिते प्रश्नपत्रे चत्वारः भागाः भविष्यन्ति –

'क' भागः	अपठितावबोधनम्	10 अङ्काः	25 कालांशाः
'ख' भागः	रचनात्मकार्यम्	15 अङ्काः	40 कालांशाः
'ग' भागः	अनुप्रयुक्तव्याकरणम्	25 अङ्काः	55 कालांशाः
'घ' भागः	पठितावबोधनम्	30 अছ্যা:	80 कालांशाः

भागानुसारं विषयाः अङ्कविभाजनं च 80 अङ्काः

क्र. सं.	विषयाः	प्रश्नप्रकाराः	मूल्यभारः		
	'क' भागः				
	अपठितावबोधनम्	10 अङ्काः			
1.	एकः गद्यांशः (80-100) शब्दपरिमितः)	अति-लघूत्तरात्मकौ	1×2=2		
		पूर्णवाक्यात्मकौ	$2\times2=4$		
		शीर्षकम् (लघूत्तरात्मकः)	1×1=1		
		भाषिककार्यम् (बहुविकल्पात्मकाः)	1×3=3		
		पूर्णभारः	10 अङ्काः		

	′ख′ भागः		
	रचनात्मककार्यः	দ্ 15 अङ्काः	
2.	औपचारिकम् अथवा अनौपचारिकं पत्रम्	निबन्धात्मकः	½×10=5
	(मञ्जूषायाः सहायतया रिक्तस्थानपूर्तिमाध्यमेन पूर्णं		
	पत्रं लेखनीयम्)		
3.	चित्रवर्णनम् अथवा अनुच्छेदलेखनम्	पूर्णवाक्यात्मकः	1×5=5
4.	कथापूर्तिः / संवादपूर्तिः	निबन्धात्मकः	½×10=5
	(मञ्जूषायाः सहायतया रिक्तस्थानपूर्तिमाध्यमेन पूर्णः		
	कथा/ संवादः लेखनीयः)		
		पूर्णभारः	15 अङ्काः
	'ग' भागः		•
	अनुप्रयुक्तव्याकरण	गम् 25 अङ्काः	
5.	सन्धिः	लघूत्तरात्मकाः	1×4=4
6.	समासः	बहुविकल्पात्मकाः	1×4=4
7.	प्रत्ययाः	बहुविकल्पात्मकाः	1×4=4
8.	वाच्यपरिवर्तनम्	लघूत्तरात्मकाः	1×3=3
9.	समयः	लघूत्तरात्मकाः	1×3=3
10.	अव्ययानि	ठघूत्तरात्मकाः	1×4=4
11.	अशुद्धि-संशोधनम्	बहुविकल्पात्मकाः	1×3=3
		पूर्णभारः	25 अङ्काः
	'घ' भागः		
	पठितावबोधनम्	্র 30 अङ्काः	
12.	गद्यांशः	अति-लघूत्तरात्मकौ	½×2=1
		पूर्णवाक्यात्मकः	1×2=2
		लघूत्तरात्मकौ (भाषिककार्यम्)	1×2=2
13.	पद्मम् (श्लोकः / श्लोकौ)	अति-लघूत्तरात्मकौ	½×2=1
		पूर्णवाक्यात्मकः	1×2=2
		लघूत्तरात्मकौ (भाषिककार्यम्)	1×2=2
14.	नाट्यांशः	अति-लघूत्तरात्मकौ	½×2=1
		पूर्णवाक्यात्मकः	1×2=2
		लघूत्तरात्मकौ (भाषिककार्यम्)	1×2=2
15.	प्रश्निर्माणम्	पूर्णवाक्यात्मकाः	1×5=5

16.	अन्वयः अथवा भावार्थः (रिक्तस्थानपूर्तिमाध्यमेन)	निबन्धात्मकः	½×4=2
17.	प्रसङ्गानुसारम् अर्थचयनम्	बहुविकल्पात्मकाः	1×4=4
18.	पाठाधारित-कथापूर्तिः (मञ्जूषापदसहायतया रिक्तस्थानपूर्तिः)	निबन्धात्मकः	½×8=4
		पूर्णभारः	30 अङ्काः
		सम्पूर्णभारः	80 अङ्काः

प्रश्नपत्र-प्रारूपम् /संरचना कक्षा – दशमी (2023-24) संस्कृतम् (सम्प्रेषणात्मकम्) कोड् सङ्ख्या - 119

प्रश्नप्रकारः	प्रश्नानां सङ्ख्या	विभाग-	प्रतिप्रश्नम्	आहत्याङ्काः
		सङ्ख्या	अङ्कभारः	
बहुविकल्पात्मकाः 1 अङ्कः	3+4+4+3+4=18	5	1	18
अति-लघूत्तरात्मकाः ½ अङ्कः	2+2+2=6	3	1/2	3
अति-लघूत्तरात्मकाः 1 अङ्कः	2=2	1	1	2
निबन्धात्मकः ½ अङ्कः	10+10+4+8 =32	4	1/2	16
(रिक्तस्थानपूर्तिमाध्यमेन)				
दीर्घोत्तरात्मकाः 1 अङ्कः	5+2+2+5=16	5	1	16
दीर्घोत्तरात्मकाः 2 अङ्कौ	2=2	1	2	4
लघूत्तरात्मकाः 1 अङ्कः	1+4+3+3+4+2+2=21	8	1	21
			आहत्याङ्काः	80

संस्कृतपाठ्यकमः (सम्प्रेषणात्मकम्) कोड् सङ्ख्या - 119 कक्षा-दशमी (2023-24) वार्षिकं मूल्याङ्कनम्

'क' भाग	Ţ:			
अपठितावबोध	नम्	(10 अङ्काः))	
1. एकः अपठितः गद्यांशः			10	
80-100 शब्दपरिमितः गद्यांशः, सरलकथा				
🗲 एकपदेन पूर्णवाक्येन च अवबोधनात्मकं कार्यम्	(2+4)			
शीर्षकलेखनम्	(1)			
🗲 गद्यांशाधारितं भाषिकं कार्यम्	(3)			
भाषिककार्याय तत्त्वानि -				
🗸 वाक्ये कर्तृ-क्रियापद्चयनम्				
✓ विशेषण-विशेष्यचयनम्				
🗸 पर्याय-विलोमपद-चयनम्				
'ख' भाग	ाः	<u> </u>		
रचनात्मकक	ार्यम्	(15 अङ्का	·)	
2. सङ्केताधारितम् औपचारिकम् अथवा अनौपचारिकं पत्रलेख	ानम्		5	
(मञ्जूषायाः सहायतया रिक्तस्थानपूर्तिमाध्यमेन पूर्णं पत्रं	लेखनीयम्)			
3. चित्राधारितं वर्णनम् अथवा अनुच्छेदलेखनम्			5	
(मञ्जूषायाः सहायतया चित्रवर्णनम् अनुच्छेदलेखनं वा क	रणीयम्)			
4. संवादपूर्तिः / कथापूर्तिः (कथा छात्रस्तरानुगुणम् एव भवेत	(I)		5	
(मञ्जूषायाः सहायतया रिक्तस्थानपूर्तिमाध्यमेन पूर्णः संव	ादः / कथा लेखनीया	1)		
′ग′ भा	गः	·		
अनुप्रयुक्तव्या	करणम्	(25 अङ्क	i:)	
5. सन्धिकार्यम्			4	
स्वरसन्धिः - वृद्धिः, यण्, अयादिः, पूर्वरूपम्		(1 अङ्कः)		
व्यञ्जनसन्धिः - परसवर्णः (अनुस्वारस्थाने पञ्चमवर्णस्य प्र	योगः), तुगागमः,			
वर्गीयप्रथमवर्णस्य तृतीयवर्णे परिवर्तनम्।		(1 अङ्कः)		
विसर्गसन्धिः - उत्वम्, रत्वम्, विसर्गलोपः, विसर्गस्य स्था	ने स्,श्,ष्	(2 अङ्कौ)		
6. समासः - (वाक्येषु समस्तपदानां विग्रहः विग्रहपदानां च समासः)				
तत्पुरुषः – विभक्तिः, नज्, उपपदः		(2 अङ्कौ)		

≽ द्वन्द्वः	(1 अङ्कः)	
अव्ययीभावः (अनु, उप, सह, निर्, प्रति, यथा)	(1 अङ्कः)	
7. प्रत्ययाः		4
 तिद्धताः – मतुप्, ठक्, त्व, तल् 	(3 अङ्काः)	
स्त्रीप्रत्ययौ – टाप्, ङीप्	(1 अङ्कः)	_
8. वाच्यपरिवर्तनम् - केवलं लट्लकारे (कर्तृ-कर्म-क्रिया)		3
9. समयः - अङ्कानां स्थाने शब्देषु समयलेखनम्		3
(सामान्य-सपाद-सार्ध-पादोन)		
10. अव्ययानि		4
इव, उच्चैः, एव, नूनम्, इतस्ततः, विना, सहसा, वृथा, शनैः, इति, मा, यत	न. सम्प्रति.	7
इदानीम्, अधुना, यावत्, बहिः, कदापि, च, अपि, पुरा, अत्र-तत्र, यथा-त		
श्वः, पर्वः, ह्यः, परह्यः, किमर्थम्, कुत्र, यदि-तर्हि		
11. अशुद्धि-संशोधनम् (वचन-लिङ्ग-पुरुष-लकार-दृष्ट्या संशोधनम्)		3
'घ' भागः		
पठितावबोधनम्	(30 अङ्का	:)
12. गद्यांशम् अधिकृत्य अवबोधनात्मकं कार्यम्		5
प्रश्नप्रकाराः – एकपदेन पूर्णवाक्येन च प्रश्नोत्तराणि		
भाषिककार्यम् –		
वाक्ये कर्तृ-िकया-पदचयनम्		
विशेषण-विशेष्य-चयनम्		
पर्याय-विलोमपद-चयनम्		
13. पद्यम् (श्लोकम्/श्लोकौ) अधिकृत्य अवबोधनात्मकं कार्यम्		5
प्रश्नप्रकाराः – एकपदेन पूर्णवाक्येन च प्रश्नोत्तराणि		
भाषिककार्यम् –		
वाक्ये कर्तृ-िकया-पदचयनम्		
विशेषण-विशेष्य-चयनम्		
पर्याय-विलोमपद-चयनम्		
14. नाट्यांशम् अधिकृत्य अवबोधनात्मकं कार्यम्		5
प्रश्नप्रकाराः – एकपदेन पूर्णवाक्येन च प्रश्नोत्तराणि		
भाषिककार्यम् –		
> वाक्ये कर्तृ-क्रिया-पदचयनम्		
> विशेषण-विशेष्य-चयनम्		
पर्याय-विलोमपद-चयनम्		

15. वाक्येषु रेखाङ्कितपदानि अधिकृत्य प्रश्निर्माणम्	5
16. एकस्य श्लोकस्य अन्वयः अथवा भावार्थः	2
(मञ्जूषायाः सहायतया रिक्तस्थानपूर्तिमाध्यमेन पूर्णः अन्वयः भावार्थः वा लेखनीयः)	
17. प्रसङ्गानुसारम् अर्थचयनम् (पाठान् आधृत्य बहुविकल्पात्मकाः प्रश्नाः)	4
18. पाठाधारित-कथापूर्तिः (मञ्जूषापद्सहायतया रिक्तस्थानपूर्तिः)	4

आहत्याङ्काः - 80

परीक्षायै निर्घारिताः पाठाः

पाठसङ्ख्या	पाठनाम	पाठसङ्खा	पाठनाम
प्रथमः पाठः	वाङ्मयं तपः	सप्तमः पाठः	साधुवृत्तिं समाचरेत्
द्वितीयः पाठः	नास्ति त्यागसमं सुखम्	अष्टमः पाठः	तिरुक्कुरऌ-सूक्ति-सौरभम्
तृतीयः पाठः	रमणीया हि सृष्टिः एषा	नवमः पाठः	सुस्वागतं भो! अरुणाचलेऽस्मिन्
चतुर्थः पाठः	आज्ञा गुरूणां हि अविचारणीया	द्शमः पाठः	कालोऽहम्
पञ्चमः पाठः	अभ्यासवशगं मनः		(केवलम् आन्तरिकमूल्याङ्कनाय)
षष्ठः पाठः	राष्ट्रं संरक्ष्यमेव हि	एकाद्शः पाठः	किं किम् उपादेयम्
			(केवलम् आन्तरिकमूल्याङ्कनाय)

अवधेयम् -

* परीक्षायै अनुप्रयुक्तव्याकरणस्य अंशानां चयनं यथासम्भवं 'मणिका-द्वितीयो भागः इति' पाठ्यपुस्तकात् करणीयम्। यदि ततः न सम्भवति तर्हि 'मणिका-अभ्यासपुस्तकम् द्वितीयो भागः' इत्यस्मात् कर्तुं शक्यम्।

निर्घारित - पाठ्यपुस्तके-

- 1. 'मणिका'- द्वितीयो भागः, पाठ्यपुस्तकम् (प्रकाशनम् केन्द्रीय माध्यमिक शिक्षा बोर्ड)
- 2. 'मणिका-अभ्यासपुस्तकम्' द्वितीयो भागः (प्रकाशनम् केन्द्रीय माध्यमिक शिक्षा बोर्ड)

आन्तरिक-मूल्याङ्कनम् (20 अङ्काः)

<u>उद्देश्यानि</u>

💠 छात्राणां सृजनात्मकक्षमतायाः विकासः।

❖ श्रवण-भाषण-पठन-लेखनकौशलानां विकासः।

चिन्तनक्षमतायाः आत्मिवश्वासस्य च संवर्धनम्।

豖.	गतिविधयः	उदाहरणानि	अङ्काः	निर्देशाः	मृल्याङ्कनबिन्दवः
सं.					
1.	आवधिक-परीक्षाः	लिखितपरीक्षा	05	विद्यालयेन समये समये	परीक्षासु यत्र विद्यार्थिनः श्रेष्ठाः
	(पीरियोडिक् -			लिखितपरीक्षाणाम् आयोजनं	अङ्काः स्युः तयोः द्वयोः
	असेस्मैंट)			करणीयं भवति।	परीक्षयोः एव अधिभारः
					ग्रहीतव्यः। अपि च
					आवधिकपरीक्षासु अपि प्रश्नेषु
					आन्तरिकविकल्पाः देयाः।
					मूल्याङ्कनसमये यदि छात्रः
					सर्वान् प्रश्नान् उत्तरित तर्हि
					छात्रहिताय यत्र अधिकाः अङ्काः
					सन्ति तेषाम् एव मूल्याङ्कनं
					करणीयम्।
2	बहुविधमूल्याङ्कनम्	❖ कक्षायां पाठितस्य	05	कक्षायां पाठित-पाठस्य	∻ मौलिकता
		पाठस्य		विषयस्य वा बहुविधं	ॐ विषयसम्बद्धता
		लघुमूल्याङ्कनम्		मूल्याङ्कनम् अपेक्षितम्	÷ शुद्धता
		निर्गतपत्राणि		अस्ति। अनेन विद्यार्थिनां	ः समयबद्धता
		४ प्रश्नोत्तरी		विविधकौशलानां मूल्याङ्कनं	∻ प्रस्तुतीकरणम्
		मौिखकी परीक्षा		भवेत्।	
		प्रतियोगिताः			
		प्रश्नमञ्चस्यायोजनम्			
3.	निवेशसूचिका	 कक्षाकार्यम् 	05	विद्यार्थिभिः कक्षायां कृतानां	ः सुलेखः
	(पोर्टफोलियो)	 सामूहिक-मूल्याङ्कनम् 		कार्याणाम् उपलब्धीनां च	तथ्यात्मकता
		स्वमूल्याङ्कनम्		संरक्षणं संयोजनं च	प्रामाणिकता
		विद्यार्थिनः		सञ्चिकायां पत्रावल्यां वा	समयबद्धता
		विषयगताः		करणीयम्। एतेन समग्रं	
		उपलब्धयः		मूल्याङ्कनं प्रामाणिकत्वेन	
				भवितुं शक्नोति।	

4	भाषा-संवर्धनाय	. Топ	0.5	❖ छात्राः कामपि कथां	.
4.		♦ কথা	05		❖ उच्चारणम्
	गतिविधयः	💠 संवादः/ वार्तालापः		श्रावियतुं शक्नुवन्ति।	शुद्धता
	(क) श्रवण-भाषण-	भाषणम्		💠 शिक्षकः कमपि विषयं	समयबद्धता
	कौशलम्	♦ नाटकम्		सूचियत्वा परस्परं संवादं	प्रस्तुतीकरणम्
		वार्ताः		कारयितुं शक्नोति।	* स्मरणम्
		आशुभाषणम्		♦ दूरदर्शने वार्तावली	(आरोहावरोह-गतियति-प्रयोगः)
		 संस्कृतगीतगायनम् 		इत्याख्यः संस्कृत-	
		क्रिकोच्चारणम्		कार्यक्रमः प्रसारितः भवति	
		♦ प्रहेलिकाः		तं द्रष्टुं छात्राः प्रेरणीयाः।	
				❖ श्रवण-कौशल-	
				मूल्याङ्कनाय शिक्षकः	
				स्वयम् अपि कथां	
				श्रावयित्वा ततः सम्बद्ध-	
				प्रश्नान् प्रष्टुं शकोति।	
,	(ख)	विविधविषयान् आधृत्य		❖ छात्राः यथाशक्यं	❖ विषय-सम्बद्धता
	े लेखनकौशलम्	मौलिकलेखनम्		कक्षायामेव लेखनकार्यं	३ शुद्धता (विशेषतः
	Continue	यथा– देशः, माता,		कुर्युः।	पञ्चमवर्णस्यप्रयोगः)
		पिता, गुरुः, विद्या		ु ३ ^{५, ।} ४ टिप्पणी- पुस्तिकायाः	
		पर्यावरणम्, योगः,		निर्माणम्।	५ सनवबद्धता♦ सुलेखः
		समयस्य सदुपयोगः,		क्वेयवितकपरीक्षणम्।	पुरुषःप्रस्तुतीकरणम्
				१२ प्रयापतकपराद्मणम्।	४ अस्तुताकरणम्
		शिक्षा, अनुशासनम्			
		इत्याद्यः।			
		शैक्षिकभ्रमणस्य			
		संस्कृतेन			
		प्रतिवेदनलेखनम्।			
		दैनन्दिनीलेखनम्।			
		सङ्केताधारितं			
		कथालेखनम्।			
		भित्तिपत्रिकायाः			
		निर्माणम्।			
		💠 श्रुतलेखः।			
L		स्किलेखनम्।			
	अवधातव्यम् –उपर्यु	क्त-गतिविधयः उदाहरणरूपेण	ा प्रदत्ताः	सन्ति। एतद्तिरिच्य एतादृशाः अ	ान्यगतिविधयः अपि
	2 22				

भवितुमर्हन्ति।

DELHI PUBLIC SCHOOL DHANBAD

Class: X Subject- Chemistry Break Up Syllabus for 2023-2024

HALF YEARLY

Month	Topics	Half	Final
		Yearly	
April	Ch.1 Chemical Reactions and Equations 1.1 Chemical equation 1.1.1 Writing a chemical reaction 1.1.2 Balanced chemical equation 1.2 Types of chemical reaction 1.2.1 Combination reaction 1.2.2 Decomposition reaction 1.2.3 Displacement reaction 1.2.4 Double displacement reaction 1.2.5 Oxidation and reduction 1.3 Effect of oxidation reaction in everyday life Endothermic and exothermic reactions 1.3.1Corrosion 1.3.2 Rancidity	08	
May	 Ch.2 Acids, Bases and Salts 2.1 Understanding the chemical properties of acids and bases. 2.1.1 Acids and bases in the laboratory. 2.1.2 How do acids and bases reacts with metal? 2.1.3 How metal carbonates and metal bicarbonate react with acid? 2.1.4 How do acids and bases react with each other? 2.1.5 Reaction of metallic oxides with acids. 2.1.6. Reaction of a non metallic oxides with a base. 2.2 What do all acids and all bases have in common? 2.2.1 What happens to an acid or a base in a water solution? 2.3 How strong are acid or base solution? 2.3.1 Importance of pH in everydays life Nature provides neutralization options 2.4 More about salt 	09	

	2.4.1 Family of salts 2.4.2 pH of salts 2.4.3 Chemicals from common salt. Preparation properties and uses of sodium hydroxide Preparation properties and uses of bleaching powder Preparation properties and uses of baking soda Preparation properties and uses of washing soda Preparation properties and uses of Plaster of Paris Water of Crystallization		
June	Ch.3 Metals and Non-Metals 3.1 Physical properties 3.1.1 Metals 3.1.2 Non – metals 3.2 Chemical properties of metals 3.2.1 Metals are burnt in air 3.2.2 Metals reacts with water 3.2.3 Metals react with acid 3.2.4 Metals react with solutions of other metal salts 3.2.5 Reactivity series 3.3 How do metals and non- metals react? Formation of ionic bond. Properties of ionic bond 3.3.1 Properties of ionic compound	08	
Oct	FINAL TERM Continue Ch. 3 Metals and Non- Metals 3.3.4 Occurance of metals 3.4.1 Extraction of metals Flowdiagram 3.4.2 Enrichment of ores 3.4.3 Extracting metals low in the activity series 3.4.4 Extracting metals in the middle of the activity series 3.4.5 Extractiing metals towards the top of the activity series 3.4.6 Refining metals Electrolytic refining 3.5 Corrosion 3.5 1 Prevension of corrosion		06

	Ch. 4 Carbon And Its Compound Introduction 4.1 Bonding in carbon, covalent bond Allotropes of carbon 4.2 Versatile nature of carbon 4.2.1 Saturated and unsaturated carbon compounds	
Nov	 4.2.2 Chains, branches and rings (Isomers) 4.2.3 Groups in carbon compounds 4.2.4 Homologous series 4.2.5 Nomenclature of carbon compound 4.3 Chemical properties of carbon compounds 4.3.1 Combustion 4.3.2 Oxidation 4.3.3 Addition Reaction 4.3.4 Substitution Reaction 4.4 Some important carbon compounds- Ethanol and ethanoic acid. 4.4.1 Properties of ethanol Denatured of alcohol 4.4.2 Properties of ethanoic acid Reaction of ethanoic acid 4.5 Soaps and detergents Cleansing action of soaps and detergents 	12
Dec	Revision work	

Class: X Subject- Chemistry

PRACTICAL SYLLABUS OF CLASS X 2023-2024

HALF YEARLY

- 1. To determine the pH value of the given solutions by using universal indicator/pH paper: Dil. HCl, dil. NaOH, dil. CH₃COOH, lemon juice, water, dil. Na₂CO₃.
- 2. To carry out the reaction of an acid (HCl) with zinc metal, litmus paper and solid sodium carbonate.
- 3. To carry out the reaction of base (NaOH) with litmus solution, aluminium/zinc metal and HCl.

FINAL

- 1. To perform and observe the following reaction and classify them into:
 - (a) Combustion 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 crystal
 - (iii) Iron nails kept in copper sulphate solution.
 - (iv) Reaction between sodium sulphate and barium chloride solution OR

To observe the reaction of Zn, Fe, Cu and Al on the following salt solutions: ZnSO₄, FeSO₄, CuSO₄, Al₂(SO₄)₃. Arrange the above metals in their decreasing order of reactivity based on the above result.

- 2. Two physical and two chemical properties of acetic acid.
 - (a) Odour (b) Solubility (c) Effect on litmus (d) Reaction with sodium carbonate
- **3.** To study the saponification reaction for preparation of soap.
- **4.** To study the comparative cleaning capacity of a sample of soap in soft and hard water.

CLASS X
COURSE STRUCTURE

Hist	History (India and the Contemporary World - II)			20 inclusive of map pointing
Section	Section Chapter No. Chapter name		No. of periods	Marks allocated
I	ı	The Rise of Nationalism in Europe	17	
Events and processes	II	Nationalism In India	17	
li li	III	The Making of a Global World		18 + 2 map
Livelihoods, Economies		(To be evaluated in the Board Examination - Subtopics:1 to 1.3 Pre Modern World to Conquest, Disease and Trade)	6	pointing *
and Societies		Interdisciplinary project as part of multiple assessments	4	
	(Internally assessed for 5 marks Sub topics 2 to 4.4 The nineteenth century (1815-1914) to end of Bretton Woods & the beginning of "Globalisation."		•	
	IV	The Age of Industrialization	6	
		(To be assessed as part of Periodic Assessments only)		
III Everyday Life, Culture and Politics	III Everyday Life, Culture V Print Culture and the Modern World		10	* Marks as mentioned above

	Geography (Conte	Suggestive no. of periods = 55	20 inclusive of map pointing		
Chapter No.		Chapter Name	No. of Periods	Marks allocated	
1	1 Resources and Development				
2	Forest and Wildlife	Resources	7		
3	Water Resources		7		
4	Agriculture		10	17 + 3 map	
5	Minerals and Energ	y Resources	10 pointi		
6	Manufacturing Indus	tries	10		
7	Lifelines of National Economy Only map pointing to be evaluated in the Board Examination		2		
,	Interdisciplinary project as part of multiple assessments (Internally assessed for 5 marks)		2		
	Political Science (Democratic Politics - II)			20	
Unit no	Chapter No	Chapter Name	No. of Periods	Marks allocated	
	1	Power - sharing	45		
	2	Federalism	15		

II	3	Gender, Religion and Caste	12	20
III	4	Political Parties	12	
IV	5 Outcomes of Democracy		11	
Eco	nomics (Understand	Suggestive no. of periods = 50	20	
Chapter No.		Chapter name	No. of Periods	Marks allocated
1	Development		12	
2	Sectors of the Indiar	Economy	12	
3	Money and Credit		12	20
	Globalisation and Th	ne Indian Economy		
	To be evaluated in	the Board Examination:	8	
	What is Globa			
		ave enabled Globalisation oject as part of multiple assessments		
4	(Internally assessed for 5 marks)			
	 Production across the countries Chinese toys in India World Trade Organisation The Struggle for a Fair Globalisation 		6	
5	Consumer Rights (P	Consumer Rights (Project Work)		

CLASS X COURSE CONTENT

	History:	India and the Contemporary World - II		
Chapter No. Specific Learning Objectives and Name		Suggested Teaching Learning Process	Learning Outcome with Specific Competencies	
I The Rise of Nationalism in Europe	 Examine the impact of the French Revolution on the European countries in the making of the Nation state. Explore the nature of the diverse social movements of the time. (1830-1848) Examine the ways by which the idea of nationalism emerged and led to the formation of nation states. Comprehend how the World War I was triggered by the scramble for colonies in the Balkan states 	 Watch Videos/ read Textual materials/ read related novels on the French revolution followed by a Class room discussion and presentation. World café/ Panel discussion/ debate using Collaborative learning, to explore the diverse social groups and present it as a group. Use of graphic organizers to explain the idea of unification of states to form one nation. (Italy/ Germany/ Greece) Visual representation of the map of Pre-First World War Europe followed by the Class discussion and reflection activity based on the map of Post First World War Europe 	 Infer how the French Revolution had an impact on the European countries in the making of nation state. Enumerate and evaluate the validity of the nature of the diverse social movements of the time Analyse and infer how the idea of nationalism emerged and led to the formation of nation states in Europe and elsewhere. Illustrate that ,the quest for imperialism triggered the First World War. 	
II	Explore various facets of Nationalistic movements that ushered in the sense of Collective Belonging	Sequence chart/ story Board/ Story telling pedagogy to Illustrate various facets of Nationalistic movements that ushered in the sense of Collective Belonging	Illustrate various facets of Nationalistic movements that ushered in the sense of Collective Belonging	

Nationalism in India	 Discuss the impact of the first world war on triggering two defining movements (Khilafat & Non-cooperation Movement) in India. Assess/ appraise the role of Mahatma Gandhi and other leaders in the two movements (NCM & CDM) 	 Students will examine textual content and other references and Present through PPT. Viewing the relevant Snippets from the movies/ video clippings depicting various events involving Gandhiji and other leaders and present findings through a panel discussion or seminars. 	 Summarize the aspects of the First World War that triggered two defining movements (Khilafat & Non-cooperation Movement) in India Evaluate the effectiveness of the strategies applied by Gandhiji and other leaders in the Two movements.
III The Making of a Global World Sub topic 1 The pre modern world	 Explore various aspects of how the world changed profoundly in the 19th century in terms of Economic, Political, Social, Cultural and technological areas. Analyse the destructive impact of colonialism on the economy and the livelihoods of colonised people. 	 Initiate an Inquiry based learning using world café' strategy and present your findings through café conversation strategy of each area (transformed the world in terms of economy, political, cultural and technological aspects.) Art integration and gallery walk to depict the interconnectedness. Students examine the photographic display/ new paper cutting that depict the destructive impact of colonialism on the livelihoods of colonised people and present their understandings in the form of Newsletter/ cartoon strips/ Inter Disciplinary Project 	 Summarize the changes that transformed the world in terms of economy, political, cultural and technological areas. Depict the global interconnectedness from the Pre modern to the present day. Enumerate the destructive impact of colonialism on the livelihoods of colonised people
Sub topic 2 19 th century 1815 -1914 Sub topic 3	Inter disciplinary Project with chapter 7 of Geography: Life lines of National Economy and chapter 4 of Economics:	Refer Annexure IV	Refer Annexure IV

The inter- war economy Sub topic 4 Rebuilding of world economy: the post war era.	Globalization and the Indian Economy		
IV The Age of Industrialisation	 Examine economic, political, social features of Pre and Post Industrialization. Analyse the impact of Industrialisation in the colonies with specific focus on India. 	 Watch relevant Videos/ Visuals/ documentaries/ the movie clippings on features of Pre & Post economic, political, social features of Pre and Post Industrialization Debate on the impact of Industrialisation in the colonies with specific focus on India. 	 Enumerate economic, political, social features of Pre and Post Industrialization. Analyse and infer how the industrialization impacted colonies with specific focus on India.
V Print culture and the Modern World.	 Examine the development of Print from its beginnings in East Asia to its expansion in Europe and India Analyse the impact of the spread of technology and consider how social life and culture changed with coming of print 	 Flow chart to depict the development of Print Declamation on the profound transformation of people due to the print revolution. Use of Venn diagram to compare the advantages of hand written books and the printed books Interpret and infer from pictures, cartoons, extracts from propaganda literature on important events and issues with focus on print culture. 	 Enumerate the development of Print from its beginnings in East Asia to its expansion in Europe and India. Comment on the statement that the print revolution was not just a way of producing book but profound transformation of people. Compare and contrast the old tradition of hand written manuscripts versus the print technology. Summarise the role of Print revolution and its impact on World & India 's political, social and economic condition.

	Political Science: Democratic Politics - II			
Chapter No. and Name	Specific Learning Objectives	Suggested Teaching Learning Process	Learning Outcome With Specific Competencies	
1 Power - sharing	 Examines and comprehends how democracies handle demands and need for power sharing. Analyse the Challenges faced by countries like Belgium and Sri Lanka ensuring effective power sharing 	 Read relevant Newspaper articles/ clippings on Power sharing and present the findings in the form of flow chart Discuss various forms of power-sharing Classroom discussion on challenges faced by Belgium& Sri Lanka in ensuring effective power sharing Socratic discussion on Power Sharing Techniques used by India, Sri Lanka and Belgium Read Textual resource and other resources and present findings through graphic organizers 	 Enumerate the need for power sharing in democracy. Analyse and infer the challenges faced by Belgium and Sri Lanka in ensuring Power sharing. Compare and contrast the power sharing of India with Sri Lanka and Belgium Summarize the purpose of power sharing in preserving the unity and stability of a country. 	
2 Federalism	 Comprehend the theory and Practice of Federalism in India. Analyse the policies and politics that has strengthened federalism in 	 Group discussion on the distribution of powers between Union and state Government and present the outcomes through presentations. Debate on policies and politics that strengthens Federalism in practice and 	 Analyse and infer how federalism is being practised in India. Analyse and infer how the policies and politics that has strengthens federalism in 	
3 Gender, Religion and Caste	Examines the role and differences of Gender, religion and Caste in practicing Democracy in India. Analyses the different expressions based on these	 Strengthens Federalism in practice and present through mind map Skit/ street play to enumerate how the differences in gender, religion and caste impact the practicing healthy or otherwise in a Democracy. Graphic method to Analyse and infer how different expressions based on 	Enumerates how the differences in gender, religion and caste impact the practicing healthy or otherwise in a Democracy Analyses and infers how different expressions based on	

	differences are healthy or otherwise in a democracy	differences in Gender, Religion and Caste are healthy or unhealthy in a democracy.	the differences in Gender, Religion and Caste are healthy or unhealthy in a democracy
4 Political Parties	 Examine the role, purpose and no. of Political Parties in Democracy Evaluates the contributions made by national and regional political parties in making or otherwise of Indian democracy. 	 Role play the role, purpose and no. of Political Parties in Democracy Reads newspapers, watches video clippings to justify the contributions /non contributions made by national and regional political parties in successful functioning of Indian democracy. 	Enumerates the role, purpose, and no. of Political Parties in Democracy Justifies the contributions /non contributions made by national and regional political parties in successful functioning of Indian democracy.
5 Outcomes of Democracy	 Comprehends the expected and actual outcomes of democracy in view of quality of government, economic wellbeing, in equality, social differences, conflict, freedom and dignity. Analyses the reasons behind gap that occurs in conversion of expected outcomes into actual outcomes of democracy in various respects: quality of government, economic wellbeing, inequality, social differences and conflict and finally freedom and dignity 	 Graphic organizer to enumerates how a success of democracy depends on quality of government, economic wellbeing, in equality, social differences, conflict, freedom and dignity Case study to Analyses and infers why sometimes the gap occurs between expected outcome and actual outcome effects the success of Democracy. 	Enumerates how a success of democracy depends on quality of government, economic wellbeing, in equality, social differences, conflict, freedom and dignity. Analyses and infers why sometimes the gap occurs between expected outcome and actual outcome effects the success of Democracy.

	Ge	ography: Contemporary India - II	
Chapter No. and Name	Specific Learning Objectives	Suggested Teaching Learning Process	Learning Outcome with Specific Competencies
1 Resources and Development	 Examine the significance, interdependence, utilization development need of Planning of resources in India. Summarise the rationale for development of resources Comprehends the reasons for non-optimal utilization of land in India. Analyse the need to conserve all the resources Examine the significant role for resource planning in the light of the present requirements in India 	 Brainstorming on how the resources are interdependent in nature and the need to develop them in India and present in the form of Venn diagram Use of maps, charts, and other tools to identify patterns and trends of land utilization Case study and debate on the topic "Is the development acting as an adversary for conservation" and present a report in the form of PPT. 	 Enumerates how the resources are interdependent, justify how planning is essential judicious utilization of resources and the need to develop them in India Infers the rationale for development of resources Analyse and evaluate data and information related to nonoptimal land, utilization in India Appraise and infer the need to conserve all resources available in India suggest remedial measures for optimal utilization of underutilized resources
2 Forest and Wildlife Resources	 Examine the importance of conserving forests and wild life and their interdependency in maintaining the ecology for the sustainable development of India. Analyse the role of grazing and wood cutting in the development and degradation 	 Read newspaper articles/ watch videos on deforestation and need for conservation and through world café strategy present your findings. Debate how developmental works, grazing wood cutting have impacted on the survival or otherwise of the forests. Use art integration strategy to summarize and present the reasons for 	 Enumerate how conservation of forests and wildlife are interdependent in nature and in maintain the ecology of India. Analyse and infer how some of the developmental works, grazing wood cutting have impacted on the survival or otherwise of the forests.

	Comprehends the reasons for conservation of biodiversity in India under sustainable development.	conservation of biodiversity in India under sustainable development.	Summarizes the reasons for conservation of biodiversity in India under sustainable development.
3 Water Resources	 Examine the reasons for conservation of water resource in India. Analyse and infer how the Multipurpose projects are supporting the requirement of water in India. 	 Brainstorming session to discuss the scarcity of water and present through graphic organizers Prepare a PPT to Summarize the roles of Multipurpose projects in supporting the water requirement of India. 	 Enumerate why the water resource of India to be conserved. Summarize the roles of Multipurpose projects in supporting the water requirement of India.
4 Agriculture	 Examine the crucial role played by agriculture in our economy and society. Analyses the challenges faced by the farming community in India. Comprehends the various aspects of agriculture, including crop production, types of farming, modern 	 Discusses the challenges faced by farmers, such as low productivity, lack of modern technology, inadequate irrigation facilities, and post-harvest losses and presents the findings through PPT Reads Newspapers and panel discusses the challenges faced by the farming community in India Use of graphic organizers to distinguish the traditional and modern forming. 	 Enumerate how agriculture plays a contributory role in Indian economy Analyses and infers the challenges faced by the farming community in India Identifies and summarizes various aspects of agriculture, including crop production, types of farming, modern agricultural
5	 agricultural practices, and the impact of agriculture on the environment. Comprehends the formation of different types of minerals, location, their uses, importance for human life and the economy. 	 Usage of textual resource, mind maps, pie charts to Analyse and infer how different types of minerals are formed, where they are found, their uses, importance for human life and the economy 	 practices, and the impact of agriculture on the environment. Analyses and infers how different types of minerals are formed, where they are found, their uses, importance for human life and the economy

Minerals and Energy Resources	 Analyses the importance of minerals and natural resources for economic development of the country their distribution, and sustainable use. Distinguishes between the conventional and nonconventional sources of energy. 	 Use graphic organizers to Infer the resource distribution to real-world situations and proposes strategies for sustainable use of natural resources Use of flow chart to Differentiate between the conventional and non-conventional sources of energy 	 Infers the resource distribution to real-world situations and proposes strategies for sustainable use of natural resources Differentiates between the conventional and nonconventional sources of energy.
Manufactur- ing Industries	 Distinguishes between various types of manufacturing industries based on their input materials, processes, and end products, and analyse their significance in the Indian economy. Examines the impact of manufacturing industries on the environment, and develop strategies for sustainable development of the manufacturing sector. Analyses the relation between the availability of raw material and location of the Industry 	 Use of flow chart to differentiate between various types of manufacturing industries based on their input materials, processes, and end products. Utilizes the textual information (data given through various maps/ graphs) to Enumerates the impact of manufacturing industries on the environment, and develop strategies for sustainable development of the manufacturing sector. Uses Case Studies to Infers the relation between availability of raw material and location of the Industry 	 Differentiates between various types of manufacturing industries based on their input materials, processes, and end products, and analyse their significance in the Indian economy. Enumerates the impact of manufacturing industries on the environment, and develop strategies for sustainable development of the manufacturing sector. Infers the relation between availability of raw material and location of the Industry

7 Life Lines of National Economy	Inter disciplinary project with chapter 3 of History: The making of a Global world and chapter 4 of Economics: Globalization and the Indian Economy	Refer Annexure IV	Refer Annexure IV
	Economics	: Understanding Economic Development	
Chapter No. and Name	Specific Learning Objectives	Suggested Teaching Learning Process	Learning Outcome with Specific Competencies
1 Development	 Examine the significance of designing suitable developmental goals in shaping the nation. Examine the importance of per capita income and compare the per capita income of various countries to infer about reasons for the variance Analyse the HDI in relation to PCI. Examine the need for Sustainable development 	 Hot seat strategy to enumerate different developmental Goals that helps in nation building Case study to analyse and infer how the per capita income depicts the economic condition of the nation. Graphic organizer to compare and contrast the t relation between HDI and PCI Declamation to Analyses the multiple perspectives on the need development 	 Enumerate different and examine the different processes involved in setting developmental Goals that helps in nation building Analyse and infer how the per capita income depicts the economic condition of the nation. Evaluate the development goals that have been set for the nation by the Planning commission of India -with specific reference to their efficacy, implemental strategies, relevance to current requirements of the nation Compare and contrast how the per capita income of some countries and infer reasons for the variance Analyses the multiple perspectives on the need development.

2 Sectors of the Indian Economy	 Analyse and evaluate the economic activities in different sectors and how they contribute to the overall growth and development of the Indian economy. Identify problems in different 	 Data analyse various sectors and their contribution in GDP and NDP. Research based strategy to propose solutions to identified problems in different sectors based on their understanding. 	Analyses and infer how the economic activities in different sectors contribute to the overall growth and development of the Indian economy.
	 Identify problems in different sectors and propose solutions based on their understanding of the sectors. Analyse the major employment generating sectors and observe the challenges faced in an effort to provide employment to all. Examines the role of Unorganised sector in impacting PCI currently and proposes suggestive steps to reduce the unorganised sector for more productive 	Read Newspaper articles and group discuss to Summarize how the organised and unorganised sectors are providing employment and the challenges faced by them	 Propose solutions to identified problems in different sectors based on their understanding Summarize how the organised and unorganised sectors are providing employment and the challenges faced by them Enumerates the role of unorganised sector in impacting PCI currently and proposes suggestive steps to reduce the unorganised sector for more productive contributions to GDP
	 contributions to GDP Examine and infer the essential role of the Public and Private sectors the present trends of PPP and efficacy of the initiative 		Enumerates and infer the essential role of the Public and Private sectors the present trends of PPP and efficacy of the initiative
3 Money and Credit	Examine money as a medium of exchange in all transactions of goods and services since ancient times to the present times.	Group discussion to Enumerate how money plays as a medium exchange in all transactions of goods and services since ancient times to the present times	Enumerate how money plays as a medium exchange in all transactions of goods and services since ancient times to the present times

	Analyse the different sources of credit	Case based study to Analyse and infer various sources of Credit	Analyse and infer various sources of Credit
	Identify the significance and role of self-help groups in the betterment of the economic condition of rural people/women.	Guest Speaker Programme (bank manager/ a self-help group member) to Summarizes the significance and role of self-help groups in the betterment of the economic condition of rural people/ women.	Summarizes the significance and role of self-help groups in the betterment of the economic condition of rural people/ women.
4 Globalization and the Indian Economy	Examine the concept of globalization and its definition, evolution, and impact on the global economy.	Watch videos on globalisation followed by an interactive group discussion to enumerate the concept of globalization and its definition, evolution, and impact on the global economy	 Enumerate the concept of globalization and its definition, evolution, and impact on the global economy. Evaluate the key role of the key
Sub topics: What is Globalization?	Explore the details of the key drivers of globalization and their role in shaping the global economic landscape in various countries	Read Textual and other resources to analyse and infer the key drivers of globalization and their role in shaping the global economic landscape.	major drivers of globalization and their role in shaping the global economic landscape in various countries
Factors that have enabled Globalisation	Examines the significance of role of G20 and its significance in the light of India's present role		Enumerates the significance of role of G20 and its significance in the light of India's present role
Sub topics: Production across the countries	Inter disciplinary Project with chapter 3 of History: "The making of a Global World" and chapter 7 of Geography: "Lifelines of National Economy"	Refer Annexure IV	Refer Annexure IV

Chinese toys in India World Trade Organisation The Struggle For A Fair Globalisation			
5	Project work	Refer Annexure III	Refer Annexure III
Consumer Rights OR Social Issues OR Sustainable Development			

CLASS X LIST OF MAP ITEMS

Subject	Name of the Chapter	List of areas to be pointed on the Map
History	Nationalism in India	I. Congress sessions:1920 Calcutta1920 Nagpur.1927 Madras session,
		 II. 3 Satyagraha movements: Kheda Champaran. Ahmedabad mill workers III. Jallianwala Bagh IV. Dandi March
Geography	Resources and Development	Identify: Major Soil Types
	Water Resources	Locating and Labelling: Salal Bhakra Nangal Tehri Rana Pratap Sagar Sardar Sarovar Hirakud Nagarjuna Sagar Tungabhadra
	Agriculture	Identify: • Major areas of Rice and Wheat

		 Largest/ Major producer states of Sugarcane, Tea, Coffee, Rubber, Cotton and Jute
	Minerals and Energy Resources	Identify: a. Iron Ore mines • Mayurbhanj
		DurgBailadilaBellaryKudremukh
		b. Coal MinesRaniganjBokaroTalcherNeyveli
		 c. Oil Fields Digboi Naharkatia Mumbai High Bassien Kalol Ankaleshwar
		Locate & label: Power Plants a. Thermal
		NamrupSingrauliRamagundam

	b. NuclearNaroraKakraparaTarapurKalpakkam
Manufacturing Industries	 I. 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. Vijayanagar f. Salem Software Technology Parks: a. Noida b. Gandhinagar c. Mumbai d. Pune e. Hyderabad, f. Bengaluru g. Chennai. h. Thiruvananthapuram
Lifelines of National Economy	Locating and Labelling: a. Major sea ports • Kandla • Mumbai • Marmagao • New Mangalore • Kochi • Tuticorin • Chennai • Vishakhapatnam • Paradip • Haldia

b. International Airports: Amritsar (Raja Sansi - Sri Guru Ram Dass jee) Delhi (Indira Gandhi) Mumbai (Chhatrapati Shivaji) Chennai (Meenam Bakkam) Kolkata (Netaji Subhash Chandra Bose) Hyderabad (Rajiv Gandhi)

Note: Items of Locating and Labelling may also be given for Identification.

CLASS X QUESTION PAPER DESIGN

Subject Wise Weightage

Subject	Syllabus	Marks (80)	Percentage
History	 The Rise of Nationalism in Europe. Nationalism in India: The Making of a Global World Sub topics1 to 1.3 Print Culture and the Modern World Map pointing 	18+2	25%
Political Science	 Power - sharing Federalism Gender, Religion and Caste Political Parties Outcomes of Democracy 	20	25%
Geography	 Resources and Development Forest and Wildlife Resources Water Resources Agriculture Mineral& Energy resources Manufacturing industries. Lifelines of National Economy(map pointing) Map pointing 	17+3	25%
Economics	DevelopmentSectors of the Indian Economy	20	25%

	 Money and Credit Globalization and The Indian Economy Sub topics: What is Globalization? Factors that have enabled Globalisation 		
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Weightage to Type of Questions

Type of Questions	Marks (80)	Percentage
1 Mark MCQs (20x1) (Inclusive Of Assertion, Reason, Differentiation &Stem)	20	25%
2 Marks Narrative Questions (4x2) (Knowledge, Understanding, Application, Analysis, Evaluation, Synthesis & Create)	8	10%
3 Marks Narrative Questions (5x3) (Knowledge,Understanding,Application,Analysis,Eva luation,Synthesis & Create)	15	18.75%
4 MARKS Case Study Questions (3x4) (Knowledge,Understanding,Application,Analysis,Evaluation,Synthesis & Create)	12	15%
5 Mark Narrative Questions (4x5) (Knowledge,Understanding,Application,Analysis,Evaluation,Synthesis & Create)	20	25%
Map Pointing	5	6.25%

Weightage to Competency Levels

Sr. No.	Competencies	Marks (80)	Percentage
1	Remembering and Understanding: Exhibiting memory of previously learned material by recalling facts, terms, basic concepts, and answers; Demonstrating understanding of facts and ideas by organizing, translating, interpreting, giving descriptions and stating main ideas.	24	30%
2	Applying: Solving problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way.	11	13.25%
3	Formulating, Analysing, Evaluating and Creating: Examining and breaking information into parts by identifying motives or causes; Making inferences and finding evidence to support generalizations; Presenting and defending opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria; Compiling information together in a different way by combining elements in a new pattern or proposing alternative solutions.		50%
4	Map Skill	5	6.25%
	Total	80	100%

CLASS X
GUIDELINES FOR INTERNAL ASSESSMENT: 20 MARKS

Type of Assessment	Description	Marks Allocated
Periodic Assessment	Pen Paper Test.	5
Multiple Assessment	Quiz, debate, role play, viva, group discussion, visual expression, interactive bulletin boards, gallery walks, exit cards, concept maps, peer assessment, Self-assessment etc. through Inter disciplinary project	5
Subject Enrichment Activity	Project Work on Consumer Rights OR Social Issues OR Sustainable Development	5
Portfolio	Classwork, Work done (activities/ assignments) reflections, narrations, journals, etc. Achievements of the student in the subject throughout the year Participation of the student in different activities like heritage India quiz	5

CLASS X
PRESCRIBED TEXTBOOKS

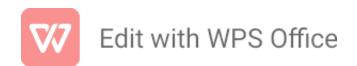
Subject	Publisher			
History	India and the Contemporary World - II	NCERT		
Political Science	Democratic Politics	NCERT		
Geography	Contemporary India	NCERT		
Economics	Understanding Economic Development	NCERT		
Disaster Management	Together Towards a Safer India -Part III (A text book on Disaster Management)	CBSE		
learning outcomes.pdf (ncert.nic.in)				

Links for NCERT rationalised 2023-24 textbooks:

- https://ncert.nic.in/textbook.php?jess1=0-7
- https://ncert.nic.in/textbook.php?jess2=0-5
- https://ncert.nic.in/textbook.php?jess3=0-5
- https://ncert.nic.in/textbook.php?jess4=ps-5

दिसम्बर

विषय - हिंदी (A) दिल्ली पब्लिक स्कूल , धनबाद TERM-1 *** पाठ्यक्रम विभाजन (सत्र : 2023 - 2024) *** निर्धारित पाठ्यपुस्तकें : (1) क्षितिज- 2 NCERT (2) कृतिका भाग 2 NCERT (3) व्याकरण प्रवाह (फुल मार्क्स पब्लिकेशन) महीना कार्य दिवस पाठ्यपुस्तक पाठ एवं पाठ्यवस्तु क्षितिज- 2 अप्रैल पाठ 1 - सूरदास (काव्य खंड) पाठ 10-नेताजी का चश्मा(गद्य खंड) व्याकरण प्रवाह वाक्य (रचना के आधार पर) क्षितिज- 2 पाठ 2- राम-लक्ष्मण-परशुराम संवाद (काव्य खंड), मई पाठ11-बालगोबिन भगत (गद्य खंड) अलंकार , औपचारिक एवं अनौपचारिक पत्र लेखन व्याकरण प्रवाह क्षितिज-2 पाठ -4 आत्मकथ्य (काव्य खंड) क्षितिज-2 पाठ-12 लखनवी अंदाज (गद्य खंड) जुलाई पाठ- 5 उत्साह ,अट नहीं रही है (काव्य खंड) कृतिका 2 पाठ 1- माता का आंचल व्याकरण प्रवाह वाच्य , पद परिचय क्षितिज-2 पाठ- 6 यह दंतुरित मुसकान , फसल (काव्य खंड), अगस्त पाठ 13- एक कहानी यह भी (गद्य खंड) पाठ 3- साना साना हाथ जोडि कृतिका 2 अनुच्छेद लेखन & विज्ञापन लेखन & ईमेल लेखन व्याकरण प्रवाह सितंबर क्षितिज-2 पाठ- 16 नौबत खाने में इबादत (गद्य खंड) ,पाठ-9 संगतकार (काव्य खंड) व्याकरण प्रवाह स्ववृत लेखन पुनरावृत्ति (TERM-1) ****** TERM-2 ****** कार्य दिवस महीना पाठ्यपुस्तक पाठ एवं पाठ्यवस्तु क्षितिज -2 पाठ-16 संस्कृति (गद्य खंड) अक्टूबर वाक्य, वाच्य , अलंकार , पद परिचय (पुनरावृत्ति) व्याकरण प्रवाह नवंबर कृतिका -2 पाठ 5 - मैं क्यों लिखता हूं ? अनुच्छेद लेखन , विज्ञापन लेखन , ईमेल लेखन & स्ववृत लेखन व्याकरण प्रवाह



संपूर्ण पाठ्यक्रम की पुनरावृति

- हिंदी पाठ्यक्रम -अ (कोड सं. 002)
 कक्षा 10वीं हिंदी अ परीक्षा हेतु पाठ्यक्रम विनिर्देशन 2023-24
 प्रश्नपत्र दो खंडों, खंड 'अ' और 'ब' में विभक्त होगा।
 खंड 'अ' में 44 वस्तुपरक प्रश्न पूछे जाएँगे, जिनमें से केवल 40 प्रश्नों के ही उत्तर देने होंगे।
 खंड 'ब' में वर्णनात्मक प्रश्न पूछे जाएँगे। प्रश्नों में उचित आंतरिक विकल्प दिए जाएँगे।
 भारांक-(80(वार्षिक बोर्ड परीक्षा) +20 (आंतरिक परीक्षा)

निधर्गि	नेथरित समय- 3 घंटे			
		वार्षिक बोर्ड परीक्षा हेतु भार विभाजन		
		खंड – अ (बहुविकल्पी प्रश्न)		
		विषयवस्तु	उप भार	कुल भार
1	अपा प्रश्न ।	ठेत गद्यांश व कार्व्यांश पर चिंतन क्षमता एवं अभिव्यक्ति कौशल पर आधारित बहुविकल्पी		
	अ	एक अपठित गद्यांश लगभग 250 शब्दों का , इसके आधार पर एक अंकीय पाँच बहुविकल्पी प्रश्न पूछे जाएँगे (1×5=5)	5	10
	অ	एक अपठित काव्यांश लगभग 120 शब्दों का , इसके आधार पर एक अंकीय पाँच बहुविकल्पी प्रश्न पूछे जाएँगे (1x5=5)	5	
2	ক্তেন	वेकल्पी प्रश्न। (1×16) 1 20 प्रश्न पूछे जाएँगे, जिनमें से केवल 16 प्रश्नों के उत्तर देने होंगे)		
	व्याकरण 1 रचना के आधार पर वाक्य भेद (4 अंक) (5 में से 4 प्रश्न करने होंगे)			16
	2	वाच्य (4 अंक) (5 में से 4 प्रश्न करने होंगे)	4	16
	3	पद परिचय (४ अंक) (5 में से ४ प्रश्न करने होंगे)	4	-
	4	अलंकार- (शब्दालंकार : श्लेष) (अर्थालंकार : उत्प्रेक्षा, अतिशयोक्ति, मानवीकरण) (4 अंक) (5 में से 4 प्रश्न करने होंगे)	4	
3	पाठ्यपुस्तक क्षितिज भाग – 2			
	अ	गर्च खंड	7	
		1 क्षितिज से निर्धारित पाठों में से गद्यांश के आधार पर विषयवस्तु का ज्ञान, बोध, अभिव्यक्ति आदि पर एक अंकीय पाँच बहुविकल्पी प्रश्न पूछे जाएँगे। (1x5)	5	

	_	2 क्षितिज से निर्धारित गद्य पाठों के आधार पर विद्यार्थियों की उच्च चिंतन क्षमताओं	2	
		एवं अभिव्यक्ति का आकलन करने हेतु एक अंकीय दो बहुविकल्पी प्रश्न पूछे		
		जाएँगे। (1×2)		
	অ	काव्य खंड	7	
		1 क्षितिज से निर्धारित कविताओं में से काव्यांश के आधार पर एक अंकीय पाँच	5	
		बहुविकल्पी प्रश्न पूछे जाएँगे (1×5)		
		2 क्षितिज से निर्धारित कविताओं के आधार पर विद्यार्थियों का काव्यबोध परखने हेतु	2	
		एक अंकीय दो बहुविकल्पी प्रश्न पूछे जाएँगे। (1×2)		
		खंड – ब (वर्णनात्मक प्रश्न)		
	पाठ	यपुस्तक क्षितिज भाग – 2 व पूरक पाठयपुस्तक कृतिका भाग – 2		
1	अ	गद्य खंड		
		क्षितिज से निर्धारित पाठों में से विषयवस्तु का ज्ञान बोध, अभिव्यक्ति आदि पर तीन प्रश्न	6	
		पूछे जाएँगे।(विकल्प सहित- 25-30 शब्द-सीमा वाले 4 में से 3 प्रश्न करने होंगे) (2×3)		
	ख	काव्य खंड		
		क्षितिज से निर्धारित कविताओं के आधार पर विद्यार्थियों का काव्यबोध परखने हेतु तीन	6	
		प्रश्न पूछे जाएँगे। (विकल्प सहित-25-30 शब्द-सीमा वाले 4 में से 3 प्रश्न करने होंगे)		
		(2x3)		20
	स	पूरक पाठ्यपुस्तक कृतिका भाग – 2		
		कृतिका के निर्धारित पाठों पर आधारित दो प्रश्न पूछे जाएँगे । (4×2) (विकल्प सहित-	8	
		50-60 शब्द-सीमा वाले 3 में से 2 प्रश्न करने होंगे)		
2	लेख	-		
	1	विभिन्न विषयों और संदर्भों पर विद्यार्थियों के तर्कसंगत विचार प्रकट करने की क्षमता	6	
		को परखने के लिए संकेत-बिंदुओं पर आधारित समसामयिक एवं व्यावहारिक जीवन		
		से जुड़े हुए तीन विषयों में से किसी एक विषय पर लगभग 120 शब्दों में अनुच्छेद		
		लेखन		
	ii	अभिव्यक्ति की क्षमता पर केंद्रित औपचारिक अथवा अनीपचारिक विषयों में से किसी	5	20
		एक विषय पर लगभग 100 शब्दों में पत्र		
	iii	उपलब्ध रिक्ति के लिए लगभग 80 शब्दों में स्ववृत्त लेखन	5	
		अथवा		
		विविध विषयों पर आधारित लगभग 80 शब्दों में औपचारिक ई-मेल लेखन		
	iv	विषय से संबंधित लगभग 40 शब्दों के अंतर्गत विज्ञापन लेखन	4	

		अथवा		
		संदेश लेखन लगभग 40 शब्दों में (शुभकामना, पर्व-त्योहारों एवं विशेष अवसरों पर		
		दिए जाने वाले संदेश)		
		कुल		80
		आंतरिक मूल्यांकन	अंक	20
	अ	सामयिक आकलन	5	
	ब	बहुविध आकलन	5	
	स	पोर्टफ़ोलियो	5	
	द	श्रवण एवं वाचन	5	
		कुल		100
0 - 00		\s.		

- निर्धारित पुस्तकें : 1. **क्षितिज, भाग-2,** एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित नवीनतम संस्करण
- कृतिका, भाग-2, एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित नवीनतम संस्करण

नोट – निम्नलिखित पाठों से प्रश्न नहीं पूछे जाएँगे–

क्षातज, भाग – 2	काव्य खंड	• दव- सवया, कावत्त (पूरा पाठ)
		 गिरिजाकुमार माथुर – छाया मत छूना (पूरा पाठ)
		• ऋतुराज — कन्यादान (पूरा पाठ)
	गद्य खंड	 महावीरप्रसाद द्विवेदी – स्त्री-शिक्षा के विरोधी कुतकोँ का खंडन (पूरा
		पाठ)
		 सर्वेश्वर दयाल सक्सेना- मानवीय करुणा की दिव्य चमक (पूरा पाठ)
कृतिका, भाग – 2	 एई 	है ठैयाँ झुलनी हेरानी हो रामा! (पूरा पाठ)
	 जा 	र्ज पंचम की नाक (पूरा पाठ)

