

ENGLISH

Term	Examination	Ch.No	Topics / Units / Layer	Grammar	Writing	No. of sessions
April - September	PT – 1	1	A Hero	<ul style="list-style-type: none"> • Compound Words • Punctuation • Order of Adjectives 	<ul style="list-style-type: none"> • Paragraph Writing (additional) 	9
		2	The Scholarship Jacket	<ul style="list-style-type: none"> • Antonyms 	<ul style="list-style-type: none"> • Designing a Poster (Not for testing) 	8
		3	The Flower School (Poem)			8
		4	The Quest for El Dorado (only for Reading Comprehension)	<ul style="list-style-type: none"> • Synonyms • Conjunctions • Punctuation (semicolon) 	<ul style="list-style-type: none"> • Informal Letter Writing (additional) 	4
	Half Yearly Examination	5	The Diary of a Space Traveller		<ul style="list-style-type: none"> • Itinerary Writing (not for testing) 	9
		6	Trains (Poem)		<ul style="list-style-type: none"> • Article Writing (additional) 	8
		7	The One Who Survived: Ada Blackjack	<ul style="list-style-type: none"> • Synonyms • Transitive and Intransitive Verbs 		10
		8	The Narayanpur Incident	<ul style="list-style-type: none"> • Collocations 	<ul style="list-style-type: none"> • Speech Writing 	
		9	The Ballad of Mulan (Poem)	<ul style="list-style-type: none"> • Suffix 		9

(October – March)	PT – 2	10	“Something Wonderful Happens When You Plant a Seed”	<ul style="list-style-type: none"> • Finite and Non-Finite Verb • Gerunds, Participles and Infinitives 		12
		11	Flames in the Forest	<ul style="list-style-type: none"> • Phrasal Verbs and collocations 	<ul style="list-style-type: none"> • Magazine Article Writing 	8
		12	The River (Poem) (only for reading comprehension)			
		13	Bidesia Babu	<ul style="list-style-type: none"> • Prefixes and Suffixes Modals 		3
	Annual Examination	14	The Too Many Professors (Deleted)		<ul style="list-style-type: none"> • Formal Letter (additional letter to Editor) 	9
		15	Goodbye Party for Miss. Pushpa T. S. (Poem) (Deleted)		<ul style="list-style-type: none"> • Report Writing (additional) 	9
		16	What Lucy Found There	<ul style="list-style-type: none"> • Synonyms • Active and Passive Voice • Present and Past Perfect Continuous Tense 	<ul style="list-style-type: none"> • Story Writing (additional) 	
		17	Guilty		<ul style="list-style-type: none"> • Writing a Graphic Story (Not for testing) 	13
		18	The Listeners (Poem) (only for Reading Comprehension)			9

Note: Reading, writing skills and unseen passage both discursive and factual will be part of regular practice.

Grammar and writing skills of chapters mentioned as “Only for reading comprehension” should be taught and tested.

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Chapter mentioned under CT/PT may be tested in Half yearly/Yearly Examination

HINDI

EXAM	Ch.No.	(पाठ)	(व्याकरण)	(लेखन कौशल्य)	No Of Sessions
PT 1	1	सादर नमन	पर्यायवाची, वाक्यांशों के लिए एक शब्द, वर्ण-विच्छेद, उपसर्ग, तुकांत शब्द पूर्वकालिक क्रिया	चित्र वर्णन	१२
	2	यह मेरा : यह मीत का	समानार्थक, बहुवचन, वर्ण-विच्छेद संयुक्त व्यंजनों से शब्द-निर्माण, संज्ञा- भेद, सर्वनाम, अनेकार्थक, मुहावरे से वाक्य बनाना	पत्र लेखन अनौपचारिक	१२
	3	मिठाईवाला	विलोम, बहुवचन, प्रत्यय अनुनासिक पंचमवर्ण प्रयोग, व्याकरणिक बदलाव, विशेषण-विशेष्य, संबंधबोधक	स्तलोगन लेखन	१०
	4	सरफरोशी की तमन्ना	बहुवचन, नुकतेवाले शब्द 'इक' प्रत्यय रंजक क्रिया, विकारी-अविकारी, वाक्य शुद्धकरण	संवाद लेखन	९
Half Yearly	5	पहली बूँद	तत्सम शब्द, उपमा अलंकार, विशेषण की अवस्थाएँ, संधि-विच्छेद	संवाद लेखन	९
	6	स्नेह पगी पाती	उपसर्ग 'ने' का प्रयोग, निपात तत्सम/विदेशी/देशज शब्द, शब्द-युग्मों का वाक्य प्रयोग	पत्र लेखन औपचारिक	१०
	7	निष्ठुर अनुकंपा	लिंग में-में/और का प्रयोग, अनेक शब्दों के लिए एक शब्द, नुकतेवाले शब्द परुषवाचक सर्वनाम, विशेषण, वाक्य शुद्ध करना	अनुच्छेद लेखन	९

	8	लीक पर वे चलें	पर्यायवाची वर्ण-विच्छेद, उपसर्ग और प्रत्यय का एक शब्द के साथ प्रयोग	अपठित गद्यांश	९
	9	मेरी यूरोप यात्रा	विलोम लिंग उपसर्ग, प्रत्यय, संबंधबोधक, प्रश्नवाचक शब्द	अपठित गद्यांश	१०
PT 2	10	राखी का मूल्य	हिंदी पर्याय, भाववाचक संज्ञा, समास-विग्रह, वाक्य भेद, अपठित गद्यांश	चित्र वर्णन	१२
	11	अद्वितीय पूर्वोत्तर भारत	प्रत्यय, लिंग समास, विग्रह, कारक सार्वनामिक विशेषण नाम धातु क्रिया	पत्र लेखन अनौपचारिक व औपचारिक	१२
	12	सूरदास के पद	पर्यायवाची, मानक हिंदी रूप जानना, उपसर्ग समान तुकवाले शब्द अनुप्रास अलंकार वाक्य शुद्ध करना	विज्ञापन लेखन संवाद लेखन	१०
	13	समययान	पर्यायवाची विलोम, सामस-विग्रह क्रिया भेद, क्रियाविशेष, मुहावरे	कविता व कहानी लेखन	९
Annual Exam	14	कोटर और कुटीर	समानार्थक, अनेक शब्दों के लिए एक शब्द, सामासिक शब्द, स्वर संधि, सरल संयुक्त, मिश्रीत वाक्य, कि-की	अपठित गद्यांश	९
	15	तूफानों की ओर	पर्यायवाची, विलोम मानवीकरण अलंकार 'र' के रूप, तुकांत शब्द	पत्र लेखन अनौपचारिक व औपचारिक	१०
	16	सुश्रुत	विलोम, एकार्थक शब्द के अर्थ में अंतर जानना, वाच्य, वाक्य प्रयोग, लेख पढ़कर उत्तर देना	अनुच्छेद लेखन	१२



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	17	तीन प्रश्न	पर्यायवाची भाववाचक संज्ञा, संज्ञा से विशेषण बनाना, वाक्य रचना, कारक, श-ष-स संबंधी ज्ञान प्रविशेषण	अनुच्छेद लेखन	९
	18	जयगान	पर्यायवाची, उपसर्ग, सार्थकवाक्य		९

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MATHEMATICS

Term	Examination	Ch. No.	Topics / Units /Layer	Lab Activity	No. of Sessions
(April – September)	PT – 1	1	Integers	• To multiply integers using unit paper squares.	10
		9	Rational Numbers	• Multiplication of two rational number using rectangular sheet and dividing it into equal segments.	10
		5	Line and Angles	• Activity 1 - To verify experimentally that corresponding angles and alternate interior angles are equal. Activity 2 – To prove that vertically opposite angles are equal.	8
	Half Yearly Examination	2	Fractions and Decimals	• Activity 1 - To divide fractions using the number line. Activity 2 – Create word problems based on all four operations of decimals.	10
		3	Data Handling	• Activity 1 – Data collection and analysing the data as per the subtopics of the syllabus.	10
		6	Triangles and their Properties	• Activity 1 – To verify the exterior angle property of the triangle. Activity 2 – Pythagoras theorem with math lab kit.	8
		7	Congruence of Triangles	• Activity 1 – To prove that each diagonal of a parallelogram divides it into two congruence triangles. Activity 2 - Verification of congruencies by using cut-outs.	10
		PT – 2	12	Algebraic Expression	• Activity -To add algebraic expression using algebra tiles



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(October – March)		4	Simple Equations	• Activity -To solve linear equations with paper strips and paper squares.	8
		14	Symmetry	• Activity -To find the order of rotational symmetry of a given figure experimentally.	6
		10	Practical Geometry	• Activity -To draw a line parallel to a given line through an outside point by paper folding.	6
	Annual Examination	8	Comparing Quantities Word problems on percentage (Exercise 8E) (Deleted)	• Activity -To find the ratio of body measurements by activity method.	10
		13	Exponents and Powers	• Activity -To express exponents through paper folding.	8
		15	Visualizing Solid Shapes (Deleted)	• Activity -To draw nets of a cube in different ways/ to make paper dice using a net of a cube.	8
		11	Perimeter and Area	• Activity -To derive the formula for the area of a parallelogram experimentally.	12

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SCIENCE

Term	Examination	Ch.No	Topics / Units / Layer	Diagram	Yardstick Activity	No. of Sessions
(April – September)	PT – 1	1	Nutrition in Plants (B)	<ul style="list-style-type: none"> • A stoma surrounded by guard cell • Cross section of leaf 		7
		10	Soil (B)	<ul style="list-style-type: none"> • Layers of Soil 	<ul style="list-style-type: none"> • Soil Properties 	7
		4	Animal Fibres (B)	<ul style="list-style-type: none"> • Life Cycle of Silk Moth 		6
		5	Heat and Its Effects (P)			7
	Half Yearly Examination	6	The flow of Heat (P)	<ul style="list-style-type: none"> • Thermos flask 		7
		3	Structure of Matter (C)		<ul style="list-style-type: none"> • Symbols and Formulae and Balancing Act 	7
		9	Weather, Climate, and Adaptation (B)			6
		2	Nutrition in Animals (B)	<ul style="list-style-type: none"> • For labelling – Human Digestive System 		7
		11	Respiration (B)	<ul style="list-style-type: none"> • For labelling – Human Respiratory System 	<ul style="list-style-type: none"> • Respiration in Plants and Animals 	8
		7	Acids, Bases, and Salts (C)		<ul style="list-style-type: none"> • Colourful Chemistry 	8

(October – March)		15	Winds, Storms, and Cyclones (P) (Deleted)			8
	PT – 2	12	Transportation of Materials in Plants and Animals (B)	<ul style="list-style-type: none"> • Human Heart – Internal Structure • Human Urinary System 		8
		13	Reproduction in Plants(B)	<ul style="list-style-type: none"> • Fertilization in a flower 		8
		8	Physical and Chemical Changes (C)		<ul style="list-style-type: none"> • Reactions Everywhere 	8
	Annual Examination	16	Light (P)	<ul style="list-style-type: none"> • Reflection of Light by a Plane Mirror • Principal Focus of Spherical Mirrors and Lens. 	<ul style="list-style-type: none"> • Reflection of Light 	9
		14	Motion and Time (P)		<ul style="list-style-type: none"> • Balloon Car Kinematics 	8
		19	Our Forests (B) (To be used as SEA)			7
		18	Water – a natural resource (B) (Deleted)			7
		17	Electric Current and Its Effects (P)		<ul style="list-style-type: none"> • Electromagnet 	9
		20	Wastewater Management (B)			8

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SOCIAL STUDIES

Term	Examination	Ch. No	Topics / Units / Layer	Maps/Diagrams	No. Of Sessions
(April – September)	PT – 1	1	The Medieval World (H)		3
		2	Regional Kingdoms -1 (H)		6
		1	Our Environment (G)	Diagram • Four Domains of the Earth- Pg.no.105. Fig.1.2	4
		2	Inside Our Earth (G)	Diagram • Layers of the Earth - Pg.no.110- Fig.2.1 • Rock Cycle - Page no.113- Fig.2.3	5
		1	Democracy (C)		4
		3	Democracy in Action (C)		6
	Half Yearly Examination	3	The Changing Earth (G)	Diagram • Components of a volcano (Pg. no.118)	5
		4	Major Landforms (G)		6
		4	State Government (C)		8
		3	The Sultanate Period (H)	Map Outline Map of India • Shade any 5- Important towns under Muhammad Bin Tughlaq’s Empire (Pg. no.22)	7

		5	Composition and Structure of the Atmosphere (G)		5
(October – March)	PT – 2	5	The Great Mughals (H)	Map <ul style="list-style-type: none"> • Outline Map of India • Shade any 5 regions ruled by Akbar. (Pg. no.40) • Agra-Agra fort, Moti Masjid, Taj Mahal, Fatehpur Sikri- Buland Darwaza, Kashmir-Shalimar Bagh and Nishat Bagh, Delhi-Red Fort and Jama Masjid 	7
		6	Monumental Architecture (H)- For SEA only		2
		6	Weather and Climate (G)	Map Political Map of India <ul style="list-style-type: none"> • Mark any 5 places of Moderate and extreme climate cities in India. 	6
		7	Water (G)	Diagram <ul style="list-style-type: none"> • Water Cycle (Pg.no.150- Fig.7.1) Map Political Map of the World <ul style="list-style-type: none"> • Mark 5 Major oceans of the world. (Pg. No.154) 	5
		8	Role of Gender (C)		5
		11	Political Formations in the Eighteenth Century (H)		6



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Annual Examination	8	Natural Vegetation and Wild Life (G)	<ul style="list-style-type: none"> • Map Work- Political Map of the World Natural Vegetation and Wildlife -Natural vegetation regions of the world Tropical deciduous Forest, Temperate Evergreen forest, Coniferous, Mediterranean forests 1) Tropical Evergreen Forests South America, Indonesia, Malaysia 2) Tropical Deciduous Forests India, Pakistan, Sri Lanka. 3) Temperate Evergreen Forests China, Japan, Australia. 4) Temperate Deciduous Forests Norway, USA, Finland 5) Mediterranean Forests Italy, USA, Chile 6) Coniferous Forests Canada, Russia, Sweden 7) Grasslands Brazil, South Africa 8) Desert Vegetation (already done in the previous chapter) 9) Tundra Vegetation Canada, Southern Greenland – Pg. no.159 	5
	9	Human Environment (G)		8
	5	Media and Democracy (C) (Deleted)		4
	6	Advertising (C)		6
	7	Markets Around Us (C) (Deleted)		4

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