

# O.P. Jindal School, Patrattu

Portion for CDT Examination (2023-24)

**Class : IV**

Subject	Chapter- No.	Chapter Name
ENGLISH	Ferry	1. Two Travellers 2. The Parrot Who Wouldn't Talk 3. Daddy Fell into the Pond 4. The Beauty of Difference 5. The Kindness Way
	Grammar	1. Possessives, 2. Nouns- singular & plural 3. Nouns- kinds, 4. Adjectives- kinds 5. Adjectives – Degrees of Comparison 6. Articles
HINDI	रिमझिम पाठ- 01 पाठ- 02 पाठ- 03 पाठ- 04 पाठ- 05 पाठ- 06 पाठ- 07	1. मन के भोले- भाले बादल 2. जैसा सवाल वैसा जवाब 3. किरमिच की गेंद 4. पापा जब बच्चे थे 5. दोस्त की पोशाक 6. नाव बनाओ नाव बनाओ 7. दान का हिसाब
	व्याकरण पाठ- 01 से 07	1. भाषा, लिपि और व्याकरण, 2. वर्ण विचार 3. शब्द, 4. वाक्य, 5. संज्ञा, 6. लिंग, 7. वचन पत्र, अनुच्छेद लेखन, अपठित गद्यांश
MATHEMATICS	Lesson 01 Lesson 02 Lesson 03 Lesson 04 Lesson 05 Lesson 06 Lesson 07	1. Building with bricks 2. Long and short 3. A Trip to Bhopal 4. Tick-Tick-Tick 5. The Way The World Looks 6. The Junk Seller 7. Jugs and Mugs
SCIENCE	Lesson 01 Lesson 02 Lesson 03 Lesson 04 Lesson 05	1. Plants – our green friends 2. Adaptations in plants. 3. Reproduction in animals. 4. Adaptations in animals. 5. Food and digestion.
SOCIAL SCIENCE	Lesson 01 Lesson 02 Lesson 03 Lesson 04 Lesson 05 Lesson 06 Lesson 07	1. The Northern highlands 2. The Northern plains 3. The Western desert 4. The Tableland 5. The Costal plains 6. The Islands 7. The climate of India

Subject	Chapter- No.	Chapter Name
GENERAL KNOWLEDGE	Chapter 01 Chapter 02 Chapter 03 Chapter 04	1. Our India (Page No. 1 to 12) 2. Sports World (page No. 13 to 18) 3. Fun with words (page No. 19 to 26) 4. Plant and animals (page No. 27 to 32)
COMPUTER	Chapter 01 Chapter 02 Chapter 03 Chapter 04	1. Input, output and storage devices 2. Managing files and folders 3. More on 3D paint 4. More on MS Word 2016

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**Class : V**

Subject	Chapter- No.	Chapter Name
ENGLISH	New English Ferry(Reader)  Grammar Chapter - 1 and 7	1. Chandu and Raja Chakor Poem - Picture-books in Winter 2. Rikki-Tikki and Nag Poem - Be a Friend 3. Born Again - Arunima Sinha, Poem - Don't Give Up  1. Phrases 2. Adjective - Kinds 3. Adjectives - Degree of comparison 4. Adjectives - Formation 5. Articles 6. Modal Verbs 7. The Simple and Continuous Tense
HINDI	रिमझिम पाठ- 1 से 7  व्याकरण पाठ- 1 से 8	1. राख की रस्सी 2. फसलों के त्योहार 3. खिलौने वाला 4. नन्हा फ़नकार 5. जहाँ चाह, वहाँ राह 6. चिट्ठी का सफर 7. डाकिये की कहानी  1. भाषा, बोली, लिपि और व्याकरण 2. वर्ण विचार 3. शब्द रचना 4. वाक्य 5. संज्ञा 6. लिंग 7. वचन 8. कारक पत्र, निबंध लेखन, अपठित गद्यांश
MATHEMATICS	Lesson 01 Lesson 02 Lesson 03 Lesson 04 Lesson 05 Lesson 06 Lesson 07	1. The fish Tale 2. Shapes and Angles 3. How many squares ? 4. Parts and wholes 5. Does it look the same ? 6. Be my multiple, I'll be your factors 7. Can you see the pattern?

Subject	Chapter- No.	Chapter Name
SCIENCE	Lesson 01 Lesson 02 Lesson 03 Lesson 04 Lesson 05	1. Plant life. 2. Animal life. 3. The human body. 4. Food and health. 5. Safety and first aid.
SOCIAL SCIENCE	Lesson 01 Lesson 02 Lesson 03 Lesson 04 Lesson 05 Lesson 06 Lesson 07	1. latitudes and longitudes 2. Motion of the Earth 3. Climate and Weather 4. Tropical rainforests 5. The tropical desert 6. The temperate grasslands 7. The Arctic Tundra region
GENERAL KNOWLEDGE	Chapter 01 Chapter 02 Chapter 03 Chapter 04	1. Our India (Chapter 01 to 06) 2. Sports World (Chapter 1 to 05) 3. Fun with words (Chapter 1 to 07) 4. Plant and animals (Chapter 1 to 05)
COMPUTER	Chapter 01 Chapter 02 Chapter 03 Chapter 04	1. Evolution of Computers 2. Understanding Windows 10 3. Working with tables 4. Using mail merge

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Class : VI

Subject	Section	Chapter Name
MATHEMATICS & REASONING	Lesson 01	1. Knowing our numbers
	Lesson 02	2. Whole numbers
	Lesson 03	3. Playing with numbers
	Lesson 04	4. Basic geometrical ideas
	Lesson 05	5. Understanding elementary shapes
	Lesson 06	6. Integers
	Lesson 07	7. Fractions
SCIENCE	Lesson 01	1. Component of food
	Lesson 02	2. Sorting materials into groups
	Lesson 03	3. Separation of substances
	Lesson 04	4. Getting to know plants
	Lesson 07	5. Motion and measurements
	Lesson 08	6. Light shadows and reflection
SOCIAL SCIENCE	History	1. What, Were, How and when 2. From hunting gathering to growing food 3. In the earliest cities 4. What books and Burials tell us
	Civics	1. Understanding diversity 2. Diversity and Discrimination 3. What is government 4. Key elements of democratic government
	Geography	1. The Earth in the solar system 2. Globe latitudes and longitudes 3. Motion of the Earth
LANGUAGE	Hindi	1. संधि, 2. उपसर्ग, प्रत्यय और समास, 3. संज्ञा 4. कारक, लिंग और वचन
	English	1. Verb to be, to do, to have, 2. Gender 3. Abstract Nouns, 4. Prepositions 5. Spelling, 6. Articles
CONTEMPORARY ISSUES & TECHNICAL SKILLS		1. International Days, 2. Awards & Accolades 3. Superlative world, 4. Folk Dance  1. Fundamentals of Computer 2. Formula and function in Excel 2016 3. Charts in Excel 2016 4. Introduction to Adobe Animate 5. More on Adobe Animate

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**Class : VII**

Subject	Section	Chapter Name
MATHEMATICS & REASONING	Mathematics	1. Integers 2. Fractions and Decimals 3. Data Handling 4. Simple Equations 5. Lines and Angles 6. Order and Ranking 7. Visualising Solid Shapes
	Reasoning	1. Odd one Out 2. Direction 3. Coding-Decoding 4. Spatial Understanding 5. Alpha Numeric Series
SOCIAL SCIENCE	History	1. Tracing Changes Through a Thousand Years 2. New Kings and Kingdoms 3. The Delhi Sultans 4. The Mughal Empire
	Civics	1. On Equality 2. Role of the Government in Health 3. How the State Government Works 4. Growing Up as Boys and Girls
	Geography	1. Environment 2. Inside our earth 3. Our changing earth 4. Air
SCIENCE	Lesson 01	1. Nutrition in Plants
	Lesson 02	2. Nutrition in Animals
	Lesson 03	3. Heat
	Lesson 04	4. Acids, Bases and Salts
	Lesson 05	5. Physical and Chemical Changes
	Lesson 06	6. Motion and Time
LANGUAGE	Hindi	1. संधि 2. उपसर्ग, प्रत्यय 3. संज्ञा 4. कारक, सर्वनाम 5. लिंग, वचन
	English	1. Sentence 2. Vocabulary 3. Article 4. Verb 5. Noun 6. Pronoun 7. Synonyms 8. Antonyms

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Portion for CDT Examination (2023-24)

**Class : VIII**

Subject	Section	Chapter Name
MATHEMATICS	Mathematics	1. Rational Numbers 2. Linear Equations in One Variable 3. Understanding Quadrilaterals 4. Data Handling 5. Square and Square Roots 6. Cube and Cube Root 7. Comparing Quantities
SCIENCE	Lesson 01 Lesson 02 Lesson 03 Lesson 04 Lesson 05 Lesson 06	1. Crop production and management 2. Microorganisms friend and foe 3. Coal and petroleum 4. Combustion and flame 5. Force and pressure 6. Friction
SOCIAL SCIENCE	History  Civics  Geography	1. How when and where 2. From trade to territory 3. Ruling the countryside 4. Tribals dikus and the vision of a golden age  1. The Indian Constitution 2. Understanding Secularism 3. Why do we need a parliament 4. Understand laws 5. Judiciary  1. Resources 2. Land, soil, water, Natural vegetation and wild life 3. Mineral and power resources.
LANGUAGE	Hindi  English	1. संधि 3. संज्ञा 5. लिंग, वचन  1. Abstract Noun 3. Preposition 5. Synonyms 7. Vocabulary  2. उपसर्ग, प्रत्यय 4. कारक, सर्वनाम  2. Gender 4. Spelling 6. Amtonyms
CONTEMPORARY ISSUES & TECHNICAL SKILLS	Technal Skills	1. Artificial Intelligence 2. Application of AI 3. Careers in AI. 4. Computer Fundamantal 5. Operating System 6. Office Package

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Portion for CDT Examination (2023-24)

Class : IX

Subject	Section	Chapter Name
MATHEMATICS & REASONING	Mathematics	<ol style="list-style-type: none"><li>1. Number System</li><li>2. Polynomials</li><li>3. Coordinate Geometry</li><li>4. Linear Equations in Two Variables</li><li>5. Lines and Angles</li><li>6. Triangle.</li><li>7. Heron's Formula</li><li>8. Statistics</li></ol>
	Reasoning	<ol style="list-style-type: none"><li>1. Alpha Numeric Series</li><li>2. Reasoning Analogies</li><li>3. Blood Relation</li><li>4. Coding Decoding</li><li>5. Directions</li><li>6. Order and Ranking</li><li>7. Sitting Arrangement</li></ol>
SCIENCE	Physics Chapter 01 Chapter 02	<ol style="list-style-type: none"><li>1. Motion</li><li>2. Newton's Laws of Motion</li></ol>
	Chemistry Chapter 01 Chapter 02 Chapter 03	<ol style="list-style-type: none"><li>1. Matter Around Us Pure</li><li>2. Atom and Molecules</li><li>3. Metal and Non Metals</li></ol>
	Biology Chapter 05 Chapter 06	<ol style="list-style-type: none"><li>1. Tissue</li><li>2. Cell - The fundamental unit of Life</li></ol>
SOCIAL SCIENCE	History	<ol style="list-style-type: none"><li>1. The French Revolution</li><li>2. Socialism in Europe and the Russian Revolution</li></ol>
	Civics	<ol style="list-style-type: none"><li>1. What is Constitution? Why constitution</li><li>2. Constitutional Design</li><li>3. Electoral Politics</li></ol>
	Geography	<ol style="list-style-type: none"><li>1. India: Size and Location</li><li>2. Physical Features of India</li><li>3. Drainage</li></ol>
	Economics	<ol style="list-style-type: none"><li>1. Story of Village Palampur</li><li>2. People as Resource</li></ol>



Subject	Section	Chapter Name
LANGUAGE & TECHNICAL SKILLS	English	<ol style="list-style-type: none"> <li>1. Verb and Tenses</li> <li>2. Modals</li> <li>3. Vocabulary (Antonyms, Synonyms, Words of the day)</li> <li>4. Comprehension</li> </ol>
	Techinal Skills	<ol style="list-style-type: none"> <li>1. Artificial Intelligence</li> <li>2. Application of AI</li> <li>3. Careers in AI.</li> <li>4. Computer Fundamantal</li> <li>5. Operating System</li> <li>6. Office Package</li> </ol>

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Portion for CDT Examination (2023-24)

**Class : X**

Subject	Section	Chapter Name
MATHEMATICS & REASONING	Mathematics	1. Number System 2. Polynomials 3. Pair of Linear Equations in Two Variables 4. Quadratic Equation 5. Arithmetic Progression 6. Coordinate Geometry 7. Trigonometry
	Reasoning	1. Alpha Numeric Series 2. Reasoning Analogies 3. Blood Relation 4. Coding Decoding 5. Directions 6. Order and Ranking 7. Sitting Arrangement
SCIENCE	Physics	
	Chapter 01	1. Light reflection and refraction
	Chapter 02	2. Colourful World and Eyes Reflection
	Chemistry	
	Chapter 01	1. Matter
	Chapter 02	2. Atom and Molecules
	Chapter 03	3. Chemical Reaction
Chapter 04	4. Metal and Non Metals	
Chapter 05	5. Acid Base and Salt	
Biology		
Chapter 06	1. Life Process	
Chapter 07	2. Control and Coordination	

Subject	Section	Chapter Name
LIBERAL STUDIES	History	<ol style="list-style-type: none"> <li>1. The Rise of Nationalism in Europe</li> <li>2. Nationalism in India</li> </ol>
	Civics	<ol style="list-style-type: none"> <li>1. Power Sharing</li> <li>2. Federalism</li> <li>3. Gender</li> <li>4. Religion and Caste</li> </ol>
	Geography	<ol style="list-style-type: none"> <li>1. Resources and Development</li> <li>2. Natural Vegetation and Wildlife</li> <li>3. Water</li> <li>4. Agriculture</li> </ol>
	Economics	<ol style="list-style-type: none"> <li>1. People as Resource</li> <li>2. Sector of Economy</li> <li>3. Development</li> </ol>
LANGUAGE & TECHNICAL SKILLS	English	<ol style="list-style-type: none"> <li>1. Tenses</li> <li>2. Voice</li> <li>3. Determiners</li> <li>4. Preposition</li> <li>5. Words of the day (Antonyms, Synonyms)</li> </ol>
	Techinal Skills	<ol style="list-style-type: none"> <li>6. Clauses/ Phrases</li> <li>7. Comprehension</li> <li>8. Modals</li>   <li>1. Artificial Intelligence</li> <li>2. Application of AI</li> <li>3. Careers in AI.</li> <li>4. Computer Fundamantal</li> <li>5. Operating System</li> <li>6. Office Package</li> </ol>

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Class : XI

Subject	Section	Chapter Name
MATHEMATICS	Mathematics	<ol style="list-style-type: none"><li>1. Sets</li><li>2. Relation and Function</li><li>3. Inequalities</li><li>4. Complex numbers</li><li>5. Sequence and series</li><li>6. Permutations and Combination</li><li>7. Binomial Theorem</li></ol>
PHYSICS		<ol style="list-style-type: none"><li>1. Mathematical Tools</li><li>2. Units and Measurements</li><li>3. 1D Motion- motion in straight line</li><li>4. 2d Motion (Vector, Projectile, Relative velocity)</li><li>5. Laws of Motion (NLM Friction Circular Motion)</li><li>6. Work, Power &amp; Energy</li></ol>
CHEMISTRY		<ol style="list-style-type: none"><li>1. Some basic concept of Chemistry</li><li>2. Chemical Bonding</li><li>3. GOC</li><li>4. Equilibrium</li><li>5. Redox</li><li>6. Periodic classification - S-block</li></ol>
BIOLOGY	<p>Chapter 01 Chapter 02 Chapter 03 Chapter 04 Chapter 05 Chapter 06 Chapter 07 Chapter 08 Chapter 09</p>	<ol style="list-style-type: none"><li>1. The Living World</li><li>2. Biological Classification</li><li>3. Plant Kingdom</li><li>4. Animal Kingdom</li><li>5. Morphology of Flowering Plants</li><li>6. Anatomy of Flowering Plants</li><li>7. Structural Organisation in Animals</li><li>8. Cell: The Unit of Life</li><li>9. Biomolecules</li></ol>
LANGUAGE & TECHNICAL SKILLS		<ol style="list-style-type: none"><li>1. Tense, Subject- Verb Concord, Narration, Voice, Vocabulary (Antonyms, Synonyms, Words of the day), phrasal verbs, Preposition, Comprehension (Prose/ poetry)</li><li>1. Computer Fundamental : Types of computers, Generation, memory units, software- Types of software</li><li>2. Operating system : Types of OS, Process and Functions</li><li>3. Microsoft office- Applications and uses, Function, Shortcut keys</li><li>4. Networking- Types of Network, Topology, Networking devices etc.</li></ol>
CONTEMPORARY ISSUES		<ol style="list-style-type: none"><li>1. Science and space, Amendments in Constitution, Political Issues, Sports, International Events</li></ol>

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Portion for CDT Examination (2023-24)

Class : XII

Subject	Section	Chapter Name
MATHEMATICS	Mathematics	<ol style="list-style-type: none"><li>1. Relation &amp; Functions</li><li>2. Inverse Trigonometric Functions</li><li>3. Matrices &amp; Determinants</li><li>4. Continuity &amp; Differentiability</li><li>5. Application of Derivatives</li><li>6. Indefinite Integrals</li><li>7. Linear Programming Problems</li></ol>
PHYSICS	Chapter 01 & 02 Chapter 03 Chapter 04 & 05 Chapter 06 Chapter 07 Chapter 08	<ol style="list-style-type: none"><li>1. Electrostatics</li><li>2. Current Electricity</li><li>3. Magnetostatics</li><li>5. Electromagnetic Induction</li><li>6. Alternating Current</li><li>7. Electromagnetic wave</li></ol>
CHEMISTRY	Chapter 01 Chapter 02 Chapter 03 Chapter 04 Chapter 05	<ol style="list-style-type: none"><li>1. Some Basic Concepts of Chemistry</li><li>2. Redox Reaction</li><li>3. Chemical kinetics</li><li>4. Halo alkane and halo arenes</li><li>5. Alcohol Phenol and ether</li></ol>
BIOLOGY	Chapter 01 Chapter 02 Chapter 03 Chapter 04 Chapter 05 Chapter 06 Chapter 07	<ol style="list-style-type: none"><li>1. Sexual reproduction in flowering plants</li><li>2. Human reproduction</li><li>3. Reproductive health</li><li>4. Principles of inheritance and variation</li><li>5. Molecular basis of inheritance</li><li>6. Evolution</li><li>7. Human health and disease</li></ol>
LANGUAGE & TECHNICAL SKILLS		<ol style="list-style-type: none"><li>1. Tense, Subject- Verb Concord, Narration, Voice, Vocabulary (Antonyms, Synonyms, Words of the day), phrasal verbs, Preposition, Comprehension (Prose/ poetry)</li><li>1. Computer Fundamental : Types of computers, Generation, memory units, software- Types of software</li><li>2. Operating system : Types of OS, Process and Functions</li><li>3. Microsoft office- Applications and uses, Function, Shortcut keys</li><li>4. Networking- Types of Network, Topology, Networking devices etc.</li></ol>
CONTEMPORARY ISSUES		<ol style="list-style-type: none"><li>1. Science and space, Amendments in Constitution, Political Issues, Sports, International Events, G-20</li></ol>