



RAMJAS SCHOOL, ANAND PARVAT, NEW DELHI-05
SYLLABUS FOR SESSION 2023-24
CLASS : X



SUBJECT- ENGLISH

PERIODIC TEST I	PERIODIC TEST II
<p>Reading: Discursive passage (400-450 words) Writing: Letter to Editor Grammar Reported Speech of (Commands, Requests, Statements, Questions) Literature Questions based on extracts / texts to assess interpretation, inference, extrapolation beyond the text and across the texts. Footprints Without Feet 1. A Triumph of Surgery 2. The Thief's Story First Flight Prose 1. A Letter to God 2. Nelson Mandela - Long Walk to Freedom Poems 1. Dust of Snow 2. Fire and Ice</p>	<p>Reading: Discursive passage (400-450 words) Writing: Letter to place / cancel an order/ inquiry Grammar Revision of Reported Speech (Commands and Requests, Statements. Questions) Literature Questions based on extracts / texts to assess interpretation, inference, extrapolation beyond the text and across the texts. Footprint Without Feet Footprint Without Feet Making of Scientist The Necklace First Flight Prose Mijbil the Otter Madam Rides The Bus The Proposal (Play) Poems Fog The Tale of Custard Dragon For Anne Gregory</p>

MIDTERM	PREBOARD - I
<p>Reading Case based Factual passage (with visual input/statistical data/ chart etc. 200-250 words) Discursive passage (400-450 words) Writing Analytical Paragraph based on pie chart/graph/bar graph etc Letter to Editor Grammar Tenses, Subject-Verb Concord, Modals, Determiners Reported Speech of (Commands, Requests, Statements, Questions) Literature Questions based on extracts / texts to assess interpretation, inference, extrapolation beyond the text and across the texts. Footprints Without Feet The Midnight Visitor A Question of Trust A Triumph of Surgery The Thief's Story First Flight Prose Two Stories About Flying From the Diary of Anne Frank Glimpses of India A Letter to God Nelson Mandela - Long Walk to Freedom Madam Rides the Bus Poems A Tiger in Zoo How to Tell Wild Animals The Ball Poem Dust of Snow Fire and Ice Amanda! The Trees</p> <p>Note: Syllabus of P.T.1 is included in M.T.</p>	<p>Reading Case based Factual passage (with visual input/ statistical data/ chart etc. 200-250 words) Writing Analytical Paragraph (based on beginning line, outline, cues etc.) Letter to place / cancel an order/ inquiry Grammar Revision of Tenses, Subject-Verb Concord, Modals, Determiners, Reported Speech (Commands and Requests, Statements. Questions) Literature Questions based on extracts / texts to assess interpretation, inference, extrapolation beyond the text and across the texts. Footprints Without Feet Bholi The Book That Saved Earth First Flight Prose The Sermon at Benaras</p> <p>Note: PreBoard syllabus covers whole syllabus of the session 2023-24</p>

SUBJECT- MATHEMATICS

PERIODIC TEST I	PERIODIC TEST II
Chapter - 1 : Real Numbers Chapter - 2 : Polynomials	Chapter - 4 : Quadratic Equations Chapter - 5 : Arithmetic Progression

MID TERM	
Chapter -1 : Real Numbers Chapter -2 : Polynomials Chapter -3 : Pairs of Linear Equations Chapter -6 : Triangles	Chapter - 7 : Coordinate Geometry Chapter - 8 : Introduction to Trigonometry Chapter - 11 : Area Related to Circles Chapter - 14 : Probability

PREBOARD-I	PREBOARD-II
Chapter - 1 : Real Numbers Chapter - 2 : Polynomials Chapter - 3 : Pairs of Linear Equations Chapter - 4 : Quadratic Equations Chapter - 5 : Arithmetic Progression Chapter - 6 : Triangles Chapter - 7 : Coordinate Geometry Chapter - 8 : Introduction to Trigonometry Chapter - 9 : Application of Trigonometry Chapter - 10 : Circles Chapter - 11 : Area Related to Circles Chapter - 12 : Surface Area and Volumes Chapter - 13 : Statistics Chapter - 14 : Probability	COMPLETE SYLLABUS

SUBJECT- SCIENCE

PERIODIC TEST I	PERIODIC TEST II
1. Life processes till nutrition 2. Light Reflection and Refraction till image formation by spherical mirror(both concave andconvex) 3. Chemical reactions and equations 4. Acids, Bases and salts (till pH)	1. How do organisms reproduce 2. Effects of Current till resistors in parallel 3. Metals and non-metals 4. Carbon and it's compounds (till IUPAC)

MID TERM	
1.Control and Coordination 2.Life Processes 3.Light- Reflection and Refraction	4.Human Eye and the colourful World 5.Chemical reactions and equations 6.Acids, Bases and salts

PREBOARD-I	PREBOARD-II
1. Life processes 2. Control and coordination 3. How do organisms REPRODUCE 4. Heredity 5. Light – Reflection and Refraction 6. Human Eye and the colourful world 7. Electricity 8. Magnetic effects of Electric Current 9. Chemical reactions and equations 10. Acids, Bases and salts 11. Metals and non-metals 12. Carbon and it's compounds	1. Life processes 2. Control and coordination 3. 3.How do organisms reproduce 4. Heredity 5. Our environment 6. Light – Reflection and Refraction 7. Human Eye and the colourful world 8. Electricity 9. Magnetic effects of Electric Current 10. Chemical reactions and equations 11. Acids, Bases and salts 12. Metals and non-metals 13. Carbon and it's compounds

SUBJECT- SOCIAL SCIENCE

PERIODIC TEST I	PERIODIC TEST II
POLITICAL SCIENCE: Chapter-1 Power Sharing HISTORY: Chapter-2 Nationalism in India	HISTORY: Chapter - 4 Age of Industrialisation ECONOMICS: Chapter-1 Development

MID TERM

<p>HISTORY Chapter-1 The Rise of Nationalism in Europe</p> <p>Chapter- 2 Nationalism in India</p> <p>GEOGRAPHY Chapter-1 Resources and Development Chapter -2 Forests and Wildlife Resources Chapter-3 Water resources</p>	<p>POLITICAL SCIENCE Chapter-1 Power Sharing Chapter-2 Federalism</p> <p>ECONOMICS Chapter-1 Development Chapter-2 Sectors of the Indian economy</p>
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PREBOARD – I AND II

<p>HISTORY Chapter-1 The Rise of Nationalism in Europe Chapter-2 Nationalism in India Chapter- 3 The Making of the Global World (Subtopic 1 to1.3)Chapter- 5 Print Culture and The Modern World</p> <p>GEOGRAPHY Chapter-1 Resources and Development Chapter -2 Forests and Wildlife ResourcesChapter-3 Water resources Chapter - 4 Agriculture Chapter- 5 Minerals and Energy ResourcesChapter - 6 Manufacturing Industries Chapter -7 Lifelines Of National Economy (Roads to Railways only)</p> <p>POLITICAL SCIENCE Chapter-1 Power Sharing Chapter-2 Federalism Chapter 3 Gender ,Religion and Caste Chapter-4 Political Parties Chapter -5 Outcomes Of Democracy</p> <p>ECONOMICS Chapter-1 Development Chapter-2 Sectors of the Indian economy Chapter -3 Money and Credit Chapter-4 Globalisation and the Indian Economy (Topic What is Globalisation ? Factors that haveenabled Globalisation)</p> <p><u>Inter Disciplinary Project work</u></p> <p>HISTORY Chapter 3 - The Making Of Global World (Sub Topic 2 to 4.4)</p> <p>GEOGRAPHY Chapter 7 - Lifelines of National Economy (From Pipelines to Tourism As A Trade)</p> <p>ECONOMICS Chapter 4 - Globalisation and the Indian Economy (Production across countries ,Chinese toys in India ,World Trade Organization, The Struggle For Fair Globalisation) Chapter- 5 of Economics Consumer Rights (To be assessed as project work)</p>

SUBJECT- COMPUTER

TERM-I	PART -A	Unit-2 Self-Management skills-II	What is Stress? , Stress Causing Agents, What is Stress Management? , Need of Stress Management, Steps to Manage Stress, Stress Management Techniques, How can students manage Stress? , Working Independently, How to Become Sef-Reliant? , Time Management & its Importance
		Unit-3 ICT Skills-II (half)	Computer System - Introduction, Operating System, Windows 10 OS, What is a File? , What is a Folder? , Creating & Managing Files &Folders, Computer Care & Maintenance, Cleaning Computer Components
	PART - B	Unit-1 Introduction to AI	What is Intelligence? , Types of Intelligence, Decision Making, What is AI? , How do Machines become Intelligent? , Applicaions of AI around us, What is Not AI? , AI & Related Terminologies, Domains of AI, AI Ethics
		Unit-2 AI Project Cycle	Introducing AI Project Cycle, Stages of AI Project Cycle, Neural Network
		Unit-3 Advance Python	Introduction to Anaconda, What is a Virtual Environment? , Understanding Jupyter Notebook, Working with Jupyter Notebook, Introduction to Python, Why Python for AI, Applications of Python, Recap of Python Basics

TERM - II	PART - A	Unit-3 ICT Skills-II (half)	Preparing Maintenance Schedule, Increasing Computer Performance, Protecting Computer Against Viruses, What are temporary files? , Cookies, Creating a Backup of Your Data, Removing Spam Files from Your Email, Protecting Your Data, Firewall
		Unit-4 Entrepreneurial Skills-II	Entrepreneurship and Society, Qualities of an Entrepreneur, Role of an Entrepreneur, Work done by an Entrepreneur, Functions of an Entrepreneur, Importance of Entrepreneurs, Myths/Misconceptions about Entrepreneurship, Entrepreneurship as a Career option
	PART - B	Unit-4 Data Science	What is Data Science? , Applications of Data Science, Revisiting AI Project Cycle, Data Collection, Python for Data Science, Data Access in Python, Statistical Learning with Python, Data Visualisation in Python, Personality Prediction, Understanding K-Nearest Neighbour Model (K-NN)
		Unit-5 Computer Vision	Computer Vision-Definition, Applications of Computer Vision, Difference b/w Computer Vision & Human vision, Tasks in Computer Vision Applications, What are pixels? , Basics of Images, How do Computers see Images? , Image Features, Introducing openCV, Image Processing Operations, Understanding Convolution Operator, What is Neural Network? , What is Convolutional Neural Network?
		Unit-6 Natural Language Processing	What is NLP? , Process involved in NLP, Applications of NLP, Revisiting AI Project Cycle, What are chatbots? , Different Types of Chatbots, Human Language VS. Computer Language, Data Processing, Techniques of NLP
		Unit-7 Evaluation	Understanding Evaluation, Importance of Evaluation, Reasons for Inefficiency of AI Model, Terminologies of Model Evaluation, Confusion Matrix, Terminologies of Confusion Matrix, Evaluation Matrix for AI Model
		Practical file (15 programs) Project work/ field visit / Student Portfolio	

NOTE: PART-A – Unit-1 (Communication skills-I) and Unit-5 (Green skills-I) are to be assessed through Internal Assessment/ Student Activities and not to be assessed in theory exams.

रामजस विद्यालय, आनंद पर्वत

पाठ्यक्रम - 2023-24

हिन्दी, कक्षा-X

- पुस्तकें 1. स्पर्श भाग-2
2. संचयन भाग-2
3. हिन्दी व्याकरण

प्रथम इकाई P.T.I. स्पर्श - गद्य - पाठ - बड़े भाई साहब
पद्य - कबीर
व्याकरण - मुहावरे, समास (द्वंद्व एवं द्विगु)

अर्धवार्षिक परीक्षा MID Term स्पर्श - गद्य - पाठ - ततारा वामीरो, अब कहाँ दूसरों के दुख से दुखी होने वाले, डायरी का एक पन्ना, तीसरी कसम के शिल्पकार
पद्य - मीरा
संचयन - हरिहर काका
व्याकरण - समास (तत्पुरुष, कर्मधारय, अव्ययीभाव, बहुव्रीहि), वाक्य (सरल, संयुक्त, मिश्र) सूचना लेखन, पदबंध, विज्ञापन, अपठित गद्यांश, औपचारिक पत्र, अनुच्छेद लेखन
+ विषय अभिवृद्धि गतिविधि + पूर्व पठित समस्त पाठ्यक्रम

द्वितीय इकाई P.T.II स्पर्श - गद्य - पाठ - पतझर में टूटी पत्तियाँ, कारतूस
पद्य - पर्वत प्रदेश में पावस, तोप
संचयन - पाठ - सपनों के से दिन
व्याकरण - लघु कथा, ई-मेल

पूर्व बोर्ड परीक्षा- I P.B.I स्पर्श - गद्य - मनुष्यता
संचयन - पाठ - टोपी शुक्ला
+ विषय अभिवृद्धि गतिविधि + पूर्व पठित समस्त पाठ्यक्रम

पूर्व बोर्ड परीक्षा-II P.B.II समस्त पाठ्यक्रम