



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



SUBJECT-ENGLISH

PERIODIC TEST I	PERIODIC TEST II
<p>Reading Discursive passage (400-450 words)</p> <p>Writing Descriptive paragraph (Person)</p> <p>Grammar Reported Speech of (Commands, Requests, Statements, Questions)</p> <p>Literature Questions based on extracts / texts to assess interpretation, inference, extrapolation beyond the text and across the texts.</p> <p>Moments 1. The Lost Child 2. The Adventures of Toto</p> <p>Beehive</p> <p>Prose 1. The Fun They Had 2. The Sound of Music</p> <p>Poems 1. The Road Not Taken 2. Wind</p>	<p>Reading Case based Factual passage (with visual input/statistical data/ chart etc. 200-250 words) Writing Short Story (based on beginning line, outline,cues etc.)</p> <p>Grammar Tenses, Subject-Verb Concord, Modals, Determiners</p> <p>Literature Questions based on extracts / texts to assess interpretation, inference, extrapolation beyond the text and across the texts.</p> <p>Moments 3. In the Kingdom of Fools 4. The Happy Prince</p> <p>Beehive</p> <p>Prose 3. The Little Girl 4. A Truly Beautiful Mind</p> <p>Mid Term 5. My Childhood</p> <p>Poems 3. Rain on The Roof 4. A Legend of The Northland</p> <p>Note : Syllabus of P.T.1 and P.T.2 is included inMid Term</p>

MID TERM
<p>Moments Iswaran the Storyteller</p> <p>Beehive</p> <p>Prose The Snake and the Mirror My Childhood</p> <p>Poems Rain on the Roof The Lake Isle of Innisfree A Legend of the North Land</p> <p>Note: Syllabus of PT-I and PT-II is included in Mid Term</p>

PERIODIC TEST III	PERIODIC TEST IV
<p>Reading Discursive passage (400-450 words)</p> <p>Writing Descriptive Paragraph (Diary)</p> <p>Grammar Revision of Reported Speech(Commands andRequests, Statements. Questions)</p> <p>Literature Questions based on extracts / texts to assess interpretation, inference, extrapolation beyond the text and across the texts.</p> <p>Moments The Last Leaf</p> <p>Beehive Prose P.T.3 Kathmandu Reach for The Top</p> <p>Poems 1. No Men Are Foreign 2. On killing a Tree</p>	<p>Reading Case based Factual passage (with visual input/statistical data/ chart etc. 200-250 words) Writing Story writing (based on beginning line, outline,cues etc.)</p> <p>Grammar Revision of Tenses, Subject-Verb Concord,Modals, Determiners</p> <p>Literature Questions based on extracts / texts to assess interpretation, inference, extrapolation beyond the text and across the texts.</p> <p>Moments A House is not a HomeThe Beggar</p> <p>Beehive Prose If I were You</p> <p>Poems A Slumber Did My Spirit Seal</p> <p>Note: Annual exam covers whole syllabusof all four P.T.</p>

SUBJECT- MATHEMATICS

PERIODIC TEST I	PERIODIC TEST II
Chapter - 1 : Number System Chapter - 3: Co-ordinate Geometry	Chapter - 6 : Lines and Angles Chapter - 10 : Herons Formula

MID TERM	
Chapter - 1 : Number System Chapter - 3 : Co-ordinate Geometry Chapter - 4 : Linear Equations Chapter - 5 : Euclid Geometry	Chapter - 6 : Lines and Angles Chapter - 7 : Triangles Chapter - 10 : Herons Formula Chapter - 12 : Statistics

PERIODIC TEST III	PERIODIC TEST IV
Chapter - 2 : Polynomials	Chapter - 11 : Surface Area and Volumes

FINAL TERM
Chapter - 2 : Polynomials Chapter - 8 : Quadrilaterals Chapter - 9 : Circles Chapter - 11 : Surface Area and Volumes + (ALL CHAPTERS of TERM -1)

SUBJECT- SCIENCE

PERIODIC TEST I	PERIODIC TEST II
Physics :Ch-7 Motion: Distance And Displacement, Velocity; Uniform And Non-Uniform Motion Along A Straight Line; Acceleration. Biology :Fundamental unit of life till cell wall Chemistry : Ch 1 Matter in our Surroundings(Till pg 5 and questions on pg 6)	Physics Ch-7:-Distance-Time And Velocity-TimeGraphs For Uniform Motion And Uniformly Accelerated Motion. Equation of motion (no derivation).Elementary Idea Of Uniform Circular Motion. Biology : Fundamental unit of life from nucleustill end of chapter Chemistry Ch 1 Matter in our surroundings(complete chapter)

MID TERM
Physics :Ch-7 Motion + Ch-8 Force And Laws Of Motion (Full) Biology : Fundamental unit of life, Improvement in food resources Chemistry Ch 1 Matter in our surroundings (complete chapter) Ch 2 Is Matter around us pure (pg 14 to 18 and then from Physical and Chemical changes pg24 till end of chapter)

PERIODIC TEST III	PERIODIC TEST IV
Physics : Gravitation; Universal Law Of Gravitation, Force Of Gravitation Of The Earth (Gravity), Acceleration Due To Gravity; Mass AndWeight; Free Fall Biology : tissues till plant tissues Chemistry : Ch 3 Atoms and Molecules (till pg 40before mole concept)	Floatation : Thrust And Pressure. Archimedes' Principle; Buoyancy. Work, Energy And Power : Work Done By AForce, Energy, Power; Kinetic And Potential Energy; Law Of Conservation Of Energy Biology :tissues - Animal tissues Chemistry : Ch 4 Structure of Atom(till Rutherford model pg 48)

FINAL TERM
Physics : Ch- Motion, Force And Laws Of Motion, Gravitation, Work, energy and power, Sound Biology : Fundamental unit of life, Improvement in food resources, Tissues Chemistry : Ch 1 Matter in our surroundings (complete chapter) Ch 2 Ch 2 Is Matter around us pure (pg 14 to 18 and then from Physical and Chemical changes pg 24 till end of chapter) Ch 3 Atoms and Molecules (till pg 40 before mole concept) Ch 4 Structure of Atom (complete chapter)

SUBJECT- SOCIAL SCIENCE

PERIODIC TEST I	PERIODIC TEST II
POLITICAL SCIENCE Chapter- 1 What is Democracy ? Why Democracy? GEOGRAPHY Chapter- 1 India Size and Location	GEOGRAPHY: Chapter-2 Physical Features of India ECONOMICS: Chapter-1 The Village Palampur POLITICAL SCIENCE: Chapter – 2 Constitutional Design

MID TERM	
HISTORY Chapter –1 The French Revolution Chapter - 2 Socialism in Europe and Russian Revolution GEOGRAPHY Chapter- 1 India Size and Location Chapter- 2 Physical Features of India Chapter- 3 Drainage	POLITICAL SCIENCE Chapter- 1 What is Democracy ? Why Democracy? Chapter – 2 Constitutional Design Chapter- 3 Electoral Politics ECONOMICS Chapter – 2 People as a Resource Chapter -3 Poverty as a Challenge

PERIODIC TEST III	PERIODIC TEST IV
HISTORY Chapter – 3 Nazism and the rise of Hitler GEOGRAPHY Chapter - 4 Climate	HISTORY Chapter - 5 Pastoralists in the Modern World POLITICAL SCIENCE Chapter-4 Working of the Institution

FINAL TERM
HISTORY Chapter –1 The French Revolution Chapter - 2 Socialism in Europe and Russian Revolution Chapter – 3 Nazism and the rise of Hitler Chapter – 4 Forest Society and Colonialism (Why deforestation ?) GEOGRAPHY Chapter- 1 India Size and Location Chapter- 2 Physical Features of India Chapter- 3 Drainage Chapter - 4 Climate Chapter- 5 Natural Vegetation (Wildlife) Chapter -6 Population POLITICAL SCIENCE Chapter- 1 What is Democracy ? Why Democracy? Chapter – 2 Constitutional Design Chapter- 3 Electoral Politics Chapter- 4 Working of the Institution Chapter –5 Democratic Rights ECONOMICS Chapter – 2 People as a Resource Chapter -3 Poverty as a Challenge Chapter – 4 Food Security Inter Disciplinary Project Work . HISTORY Chapter - 4 Forest Society and Colonialism (Rise of Commercial Forestry, Rebellion in the Forests ,Forests transformation in Java) GEOGRAPHY Chapter- 5 Natural Vegetation and Wildlife (Types of Vegetation – Tropical Evergreen Forests ,Tropical Deciduous Forests , Thorn Forests and Shrubs, Mountain Forests , Mangrove Forests)

SUBJECT- COMPUTER

TERM-I	PART-A	Unit-2 Self-Management skills-I	Self-Management, Self-Management Skills, Who am I? , Self-Confidence, Steps for Building Self-Confidence, Qualities of Self-Confident Person, Factors that help in Building Self-Confidence, Self-Confidence Building Tips
		Unit-3 ICT Skills-I (half)	ICT, What is a Computer? , Input Devices, Processing Device-CPU, Output Devices, Computer Memory, Measuring Unit For Memory, Peripheral Device ports, Motherboard, Understanding OS, Types of OS, Functions of an OS, Booting, Procedure for Starting a Computer, Windows 10-An OS, Common Desktop Operations, Files and Folders in Windows 10
	PART-B	Unit-1 Introduction to AI	What is Intelligence? , Introducing AI, Types of AI, How do Machines become Intelligent? , AI Around Us , What is Not AI?, History of AI, World Famous AI Machines, Importance of AI, AI in India, Future of AI, Human-Machine Interaction, Domains of AI, The Concept of Smart Living, What are SDGs? , Role of AI to Achieve SDGs, Applications of AI in Real Life, Dynamic Waves in AI Research, Careers in AI, Case Study of AI Start-ups in India, AI Ethical Issues and Concerns, AI Bias and AI Access, AI Access, Advantages & Disadvantages of AI, Conclusion
		Unit-2 AI Project Cycle	AI Project Cycle Framework, Iterative Nature of Problem Scoping, AI Ethics Practiced while Designing AI Projects, Summary-AI Project Cycle, Setting Goals for an AI Project, Identifying the Stakeholders, 4W's Problem Canvas, Problem Statement Template, Data Acquisition, What is Data? , System Maps, Data Visualisation, Data Visualisation Tools, Different Ways to Visualise Data, Visualise Data using Visualisation Tools, What is Modelling? , Difference b/w AI, Machine Learning & Deep Learning, Data Modelling Techniques, Decision Tree-Rule Based Approach, Pixel It- Learning Based Approach, AI Project Evaluation, AI Project Deployment
		Unit-3 Neural Network	Why do we use Neural Networks? , Applications of Neural Networks, Advantages of Neural Networks, AI Models, Human Nervous System, Relation b/w Neural Network & Nervous System, Working of Neural Networks, Types of Neural Networks

TERM-II	PART-A	Unit-3 ICT Skills-I (half)	Managing Files and Folders in Windows 10, Mouse Operations in Windows 10, Keyboard Operations in Windows 10, Shutting Down the Computer, Brief History of the Internet, How does internet work? , Terminologies of the Internet, Protocols, Applications of Internet, Components of Internet, Microsoft Edge, Email, Creating an Email Account, Composing an Email, Introduction to Social Media, Digital India
		Unit-4 Entrepreneurial Skills-I	Definition of Business, Types of Business, Important Features of Different Types of Business, Forms of Business Organisations, Steps of Starting a Business, Who is an Entrepreneur?, What is Entrepreneurship? , Entrepreneurship Development, Characteristics of an Entrepreneur, Role of an Entrepreneur, Core Skills of a Successful Entrepreneur, Challenges of an Entrepreneurship, Rewards of an Entrepreneurship, Difference between Businessman & Entrepreneur
	PART-B	Unit-4 Introduction to Python	Steps Involved in Computer Problem Solving, Control Structures, Algorithm, Flowcharts, Difference b/w Algorithm & Flowchart, What is CodeCombat?, What is Python? , Important Features of Python, Role of Python in AI, Important Uses of Python, Installing Python, Working in Python, Python Character Set, Statements in Python, Tokens, Operator Precedence, Comments in Python, The print() function, The input() Function, Errors in Python, Control Statements, Sequential Statements, Selection Statements, Iterative Statements, Lists in Python
			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.

हिंदी पाठ्यक्रम

प्रथम इकाई परीक्षा (P.T.1)

स्पर्श : पाठ-1 दुख का अधिकार , रैदास के पद व्याकरण- शब्द-पद, उपसर्ग , अनुस्वार अनुनासिक

द्वितीय इकाई परीक्षा (P. T.2) स्पर्श : पाठ- एवरेस्ट: मेरी शिखर यात्रा पाठ- रहीम के दोहे

संचयन: पाठ- गिल्लू

व्याकरण: संधि, उपसर्ग प्रत्यय

अर्धवार्षिक परीक्षा (TERM 1)

स्पर्श : तुम कब जाओगे अतिथि, गीत-अगीत, अग्निपथ

संचयन:पाठ- स्मृति

व्याकरण:- शब्द पद,उपसर्ग प्रत्यय, अनुस्वार अनुनासिक, संधि(स्वर), विराम चिह्न ,पत्र लेखन अनौपचारिक अनुच्छेद लेखन, पठित तथा अपठित गद्यांश एवं पठित पद्यांश, विषय अभिवृद्धि गतिविधि, पूर्व पठित समस्त पाठ्यक्रम।

तृतीय इकाई परीक्षा (P.T.3)

स्पर्श :पाठ- वैज्ञानिक चेतना के वाहक- रामन, नए इलाके मे

संचयन: पाठ- कल्लू कुमार की उनाकोटी

व्याकरण: वाक्य -अर्थ के आधार पर भेद, संधि, संवाद लेखन

चतुर्थ इकाई परीक्षा (P.T.4)

स्पर्श :पाठ- शुक्र तारे के समान, खुशबू रचते हैं हाथ

संचयन: पाठ - मेरा छोटा सा निजी पुस्तकालय

व्याकरण: संधि,विराम- चिह्न, चित्र वर्णन, संवाद लेखन

वार्षिक परीक्षा (Annual Term)

स्पर्श : संपूर्ण पाठ्यक्रम

संचयन: संपूर्ण पाठ्यक्रम

व्याकरण: संपूर्ण पाठ्यक्रम,पत्र, अनुच्छेद लेखन अपठित गद्यांश एवं पद्यांश, विषय अभिवृद्धि गतिविधि