NARAYANA COACHING CENTER
IIT- JEE/NEET/FOUNDATION
45 YEARS OF EXCELLENCE

CLASS IX MICRO-SCHEDULE 2024 - 25

TERM - 1

S.NO	DATE	DAY	Chapter	Class Title	Subtopic	Chapter	Class Title	Subtopic	Chapter	Class Title	Subtopic	Chapter	Class Title	Subtopic	Chapter	Class Title	Subtopic
1	9TH JULY 2024 TO 14TH JULY 2024	W1	MOTION	Fundamentals of Motion and units	Physical Quantities,Units of Physical Quantities , State of a body, Types of motion,Scalar and Vector Quantities, Distance and Displacement, Problem Solving Speed and Velocity , Problem Solving,Acceleration and Retardation	MATTER IN OUR SURROUNDINGS	States of Matter: Properties and Comparison	The Matter, Physical Nature of Matter, Characteristics of Particles of Matter, Classification of Matter (Based on physical properties The Solid State (Characteristics of Solid State) , The Liquid State (Characteristics of Liquid State),The Gaseous State (Characteristics of Gaseous State),Comparison between Solid, Liquid and gas,	FUNDAMENTAL UNIT OF LIFE (CELL)	Introduction to Cell Biology	Events Related to Cytology, Instruments for Studying Cells i) Compound Microscope ii) Electron Microscope, What are Living Organisms Made Up of? Shape and Size of the Cell , Structural Organization of a Cell i) Cell wall ii) Plasma Membrane and its Functions	NUMER SYSTEM	Study of Numbers	NUMBER SYSTEM Introduction, Natural Numbers, Whole Numbers, Integers, Rational Numbers Inserting rational numbers between two given rational numbers, Decimal representation of rational number, Terminating decimals, Non-terminating decimals (Problems related to decimal representation of rational numbers, Conversion of decimal into rational umber of form p/q, Converting terminating decimal to p/q, Converting non-terminating repeating decimal to p/q (procedure as well as shortcut)) Irrational numbers along with proof of irrational number, Some useful results on irrational numbers including inserting irrational numbers between two numbers	CODING-DECODING	Cracking the Code	Introduction, Types of coding
2	16TH JULY 2024 TO 21ST JULY 2024	W2	MOTION	Graphical Representation of Motion	Problem solving Uniform Circular Motion and Problem Solving ,Free fall (Motion under Gravity),Graphical Representation of Motion i) Distance Time Graph ii) Displacement Time Graph	MATTER IN OUR SURROUNDINGS	States of Matter: Changes and Interconversions"	Can Matter change its State ,Effects of variables on states of matter, Inter-conversion of States of Matter, Definition of interconversion of states of matter , Latent Heat , Specific Heat ,Evaporation.	FUNDAMENTAL UNIT OF LIFE (CELL)	Types of Cells	Nucleus, Types of Cell, Prokaryotic Cells, Eukaryotic Cells, Cytoplasm, Double Membrane Bound & Single Membrane Bound Cell organelles,	NUMER SYSTEM	Rationalization	RELEVANT PROBLEM SOLVING Representing irrational numbers on the number line, Laws of exponents for real numbers , Rationalization, Exercise 1A,1B,2 Solving	DIRECTION SENSE TEST	Direction and Angle	Introduction: Main Directions, Cardinal directions, Types of movement: Angular Movement, Right and Left Directional Movement, Final Direction of an Object with Respect to its Starting Point, Distance Between Starting and Final Point, Shortest Distance, Direction Change, Direction of Sun Rays and Shadow
3	23RD JULY 2024 TO 28TH JULY 2024	W3	MOTION	Graphical Representation of Motion	iii) Speed Time Graph iv) Velocity Time Graph v) Acceleration Time graph ,Derivation of Equation of Motion by Graphical Method ,	MATTER IN OUR SURROUNDINGS	Different Terminology and Definitions	Boiling i) Factors affecting Boiling Point ii) Effects of Impurities on Boiling Point, Difference between Gas and Vapour, Different Terminology And Definitions	FUNDAMENTAL UNIT OF LIFE (CELL)	Cell Division	Membraneless Cell Organelles,Cell Inclusion , Cell Devision Exercise 1A,1B,2	COORDINATE GEOMETRY	Cartesian System	CO-ORDINATE GEOMETRY Introduction, Cartesian system, Important terms related to Cartesian co-ordinate system , Quadrant, Plotting a point in a plane if its coordinates are given. Poblem Solving LINEAR EQUATIONS IN TWO VARIABLES Introduction,Solution of pair of linear equation,	SERIES	Sequence of Series	Introduction, Types of Series: Number Series, Prime Series, Addition number Series, Subtraction Number Series, Multiplication Number Series, Square Number Series,
4	30TH JULY 2024 TO 4TH AUG 2024	W4	MOTION	Uniform Circular Motion	Uniform Circular Motion i) Angular Displacement ii) Angular Velocityiii) Relation between Linear speed and Angular Speed,Problems solving , Exercise 1A,1B,2 Solving	MATTER IN OUR SURROUNDINGS	Assignment Discussion	Exercise 1A,1B,2 Solving	TISSUES	Simple Plant Tissue	Introduction, Are plants and animals made of same types of tissues, Plant Tissues, i) Meristematic Tissues(Apical Meristem, Lateral Meristem, Intercalary Meristem) ii) Permanent Tissues, Simple Permanent Tissues (Parenchyma, Collenchyma and Sclerenchyma Tissues)	LINEAR EQUATIONS IN 2 VARIABLES	Graphical Representation	Graphical representation of pair of linear equations in two variables, Equation of line parallel to X-axis and Y-axis.Problems Solving,Exercise 1A,1B,2 Solving POLYNOMIALS Introduction, Terms, Coefficients, Standard form, Degree of the polynomial one variable,	SERIES	Sequence of Series	Cube Number Series, Fibonacci Number Series, Alternating Number Series, Double Difference Series, Alphabet Series, Alphanumeric Series, Letter Repeating Series

4TH AUGUST -CPT-01 (SYLLABUS-W1 TO W3)

S.NO	DATE	DAY	Chapter	Class Title	Subtopic	Chapter	Class Title	Subtopic	Chapter	Class Title	Subtopic	Chapter	Class Title	Subtopic	Chapter	Class Title	Subtopic
5	6TH AUG 2024 TO 11TH AUG 2024	W5	FORCE AND LAW OF MOTION	Force & Newton's Law of Motion"	Force and its Effects, Resultant Force ,Types of Forces, Galileo's Experiment1&2 ,Interita and Mass , Newton's First Law of Motion,(law of Inertia)	IS MATTER AROUND US PURE?	Pure Substance	Matter, Pure Substances: Elements and Compounds	TISSUES	Complex Plant Tissue	Protective Tissue(Epidermis, Cork), Complex Permanent Tissues, Xylem, Phloem	POLYNOMIALS	Types of Polynomials	Types of polynomilas & Classification of polynomials on basis of Terms and degree, Value of the polynomial, Zeroes of a polynomial, Reminder Theorem , Factor Theorem, Factorization of polynomials, Algebric Identities used for Factorization	BLOOD RELATION	Family tree	Introduction, Family Tree, Types of Question on Blood Relation: Dialogue/ Conversation Based, Based on Puzzles, Coding Decoding
6	13TH AUG 2024 TO 18TH AUG 2024	W6	FORCE AND LAW OF MOTION	Newton's Law of Motion	Linear Momentum , Newton's Second Law of Motion, Mathematical Formulation of Second law , Relation Between SI and CGS Unit of Force.Newton's Second Law of Motion (First Law is Contained in Second Law	IS MATTER AROUND US PURE?	Mixtures	Mixtures, Types of Mixtures ,Difference Between Mixture and Compound,What is a Solution? (Types of Solutions, True solution, Properties of true solution)	TISSUES	Animal Tissue	Animal Tissues(Epithelial Tissues, Types of Epithelial Tissues- Squamous Epithelium, Cuboidal Epithelium, Columnar Epithelium, Glandular Epithelium,Ciliated Epithelium)	POLYNOMIALS	Factorization	Methods of Factorization i.By taking out common factor, ii) Factorization by grouping the terms,iii) Factorizing Difference of Two Squares iv) Factorizing of Quadratic Trinomials v) Square of a Trinomial Vi) Cube of Binomials Vii) Factorization of sum or Difference of cubes Viii) Conditional Identity , Factorization of Polynomial of Higher Degree Exercise 1A,1B,2 Solving	CUBE AND DICE	Fill the Insert	Introduction, Cubes: Counting the Number of Cubes, Painting sides of Cubes, Cutting of Cubes, Dice: Standard Dice, Experimental Dice, Face of Dice, Unfolding the Dice, Appear place OF/ON Dice.
7	20TH AUG 2024 TO 25TH AUG 2024	W7	FORCE AND LAW OF MOTION	Application of Newton's Law	Application of Newton's second Law of Motion, Problems solving , Impulse ,Newton's Third Law of Motion, Application of Newton's Third Law of Motion Siginficance of Newton's laws, Problem solving.	IS MATTER AROUND US PURE?	Types and Concentration of Solution	Concentration of Solution, Solubility ,Factors affecting solubility,Types of Solutions ,Nature of Solvent ,Physical state of solute and Solvent Practices	TISSUES	Connective Tissue	General Structure of Connective Tissues, Loose Connective Tissues, Dense Regular Connective Tissues Skeletal Tissues(Cartilage, Bone), Vascular Connective Tissues(Blood,Lymph)	EUCLID'S GEOMETRY	Postulates & Axioms	INTRODUCTION TO EUCLID'S GEOMETRY Introduction, Euclid's Definitions,Euclid's Axioms, Euclid's five postulates,Theorem on Intersecting Lines, Problem Solving	INSERTING THE MISSING CHARACTER	The Missing Piece	Introduction, Single Figure Questions, More than Two Figures,

HOLIDAY:INDEPENDENCE DAY (15TH AUGUST 2024)

25TH AUGUST - CPT -02 (SYLLABUS-W4 TO W6)

HOLIDAY: RAKSHA BANDHAN (19TH AUGUST 2024)

S.NO	DATE	DAY	Chapter	Class Title	Subtopic	Chapter	Class Title	Subtopic	Chapter	Class Title	Subtopic	Chapter	Class Title	Subtopic	Chapter	Class Title	Subtopic
8	27TH AUG 2024 TO 1ST SEP 2024	W8	FORCE AND LAW OF MOTION	Law of conservation of Momentum	Conservation of Linear Momentum, Problem solving,Application of law of conservation of Linear Momentum ,Problem solving Exercise 1A,1B,2 Problem Solving	IS MATTER AROUND US PURE?	Types of Heterogeneous Mixtures	Suspension, Properties of Suspension, Colloidal Solution ,Properties of Colloids	TISSUES	Muscular Tissue and Nervous Tissue	Muscular Tissues(Striated Muscles, Smooth Muscles, Cardiac Muscles),Nervous Tissue,Some important point about structure of Neuron ,	LINES & ANGLES	Types of Angles, Transversal Lines	LINES & ANGLES Introduction, Kinds of angles, Complementary angles and Supplementary angles,Pairs of angles, Linear Pair of Axioms, Theorem 1,Transversal and angles made by it with two lines, Parallel Lines, Corresponding angles Axiom Theorem 2,3,4&5, Lines parellel to the same line,	MATHEMATICAL OPERATIONS	Order of Operations	Introduction, Problem Solving by Substitution, Interchange of Signs and Numbers, Deriving The Appropriate Conclusions

1ST SEPTEMBER -FST -01(SCIENCE) (SYLLABUS-W1 TO W7)

#	Date	Week	Subject	Physics Topic	Physics Details	Chemistry Chapter	Chemistry Topic	Chemistry Details	Biology Chapter	Biology Topic	Biology Details	Maths Chapter	Maths Topic	Maths Details	Reasoning Chapter	Reasoning Topic	Reasoning Details
9	3RD SEP 2024 TO 8TH SEP 2024	W9	GRAVITATION	Gravitation and Newton's law	Gravitation or Gravitational force , Universal law of gravitation, Universal Gravitational Constatnt, Properties of Gravitational force, Application of newtown's law of Gravitation , Centripetal Force and its Applications ,applications of Centripetal force .	IS MATTER AROUND US PURE?	Methods of Various Mixture Components	Methods of Various Mixture Components i) Evaporation ii) Filtration iii) Crystallisation iv) Separation by Sublimation v) Centrifugation vi) Chromatography vii) Separting Funnel viii) Distillation ix0 Fractional Distillation x) Separation of Different gases from Air xi) Purification of Drinking water	TISSUES	Questions	Exercise 1A,1B,2 Problem Solving	TRIANGLES	Conguency of Triangles	Exercise 1A,1B,2 Problem Solving TRIANGLES Introduction,Types of Triangles , Concept of congruence, Congruence Rules Criteria for congruence of two triangles,	NUMBER RANKING AND TIME SEQUENCE TEST	Ranking and Sequencing	Introduction, Number Test, Ranking test, Time sequence, Alphabet test, Dictionary order, Creating new words, Pair of letters of numbers having same gap as alphabet or number series

#	Date	Week	Subject	Physics Topic	Physics Details	Chemistry Chapter	Chemistry Topic	Chemistry Details	Biology	Maths Chapter	Maths Topic	Maths Details	Reasoning Chapter	Reasoning Topic	Reasoning Details
10	10TH SEP 2024 TO 15TH SEP 2024	W10	GRAVITATION	Gravity, Acceleration, and Newton's Laws	Galileo's Observation on falling bodies, Acceleration due to Gravity , Newton's Third Law of Motion and Gravitation,Factors on which the Acceleration due to Gravity depends ,Value of 'g' and difference between 'g' & 'G' ,Probel Solving	IS MATTER AROUND US PURE?	Types of changes	Physical and Chemical Changes Difference between Physical and chemical changes Exercise 1A ,1B,2 Solving	REVISION	TRIANGLES	Types of Congruent Triangles	SAS congruence Rule, ASA congruence Rule , AAS congruence Rule.SSS congruence Rule, RHS congruence Rule, Properties of an isosceles triangle -(5 Property)	NON-VERBAL REASONING-1	Visual Patterns	Introduction, Non-Verbal Series, Non-Verbal Analogy, Non-Verbal Classification,

#	Date	Week	Subject	Physics Topic	Physics Details	Chemistry	Biology	Maths Chapter	Maths Topic	Maths Details	Reasoning Chapter	Reasoning Topic	Reasoning Details
11	17TH SEP 2024 TO 22ND SEP 2024	W11	GRAVITATION	Gravitational Effects and Kepler's Laws	Motion of Objects Under the Influence of Gravitational Force of the Earth , Mass and Weight, Variation in the value of 'g'with ALTITUDE , DEPTH & SHAPE OF THE EARTH , Weightlessness,Keplerr's laws of planetary Motion ,Satelite Motion ,Problem solving	REVISION	REVISION	QUADRILATERALS	Types of Quadrilaterals and Its Properties	Exercise 1A,1B,2 Problem Solving ,QUADRILATERAL Introduction, Angle Sum Property of Quadrilaterals Types of Quadrilaterals, Properties of Parallelogram,Properties of Special Parallelogram	COMMERCIAL MATHS-1	Quantitative Maths	Introduction, Ratio and Proportion, Directi and Inverse proportion, Work and Time,
12	24TH SEP 2024 TO 29TH SEP 2024	W12			REVISION	REVISION	REVISION	QUADRILATERALS	Mid Point Theroem	Parallel lines and their intercepts, Mid- point theorem,Converse of mid-point theorem, Exercise 1A,1B,2 Problem Solving			REVISION

TERM - 2

#	Date	Week	Subject	Physics Topic	Physics Details	Chemistry Chapter	Chemistry Topic	Chemistry Details	Biology Chapter	Biology Topic	Biology Details	Maths Chapter	Maths Topic	Maths Details	Reasoning Chapter	Reasoning Topic	Reasoning Details
14	1ST OCT 2024 TO 6TH OCT 2024	W14	WORK ENERGY POWER	Concepts of Work and Energy	Concept of Work , Nature of Work, Energy (Forms of Energy)	ATOMS AND MOLECULES	Fundamentals of Atomic Theory and Chemical combination Laws	Introduction, Law of Chemical Combination (Law of Conservation of Mass, Law of Constant proportion or Definite Composition), Dalton's Atomic Theory, Atoms(Symbols of atoms, Atomic Weight or Atomic Mass) Molecules (Characteristics, Atomicity), Molecules of Compounds, Differences between Atoms and Molecules, Ions, Polyatomic ions, Concept of Valency, Determination of Valency	IMPROVEMENT IN FOOD RESOURCES	Introduction to Agriculture	Introduction to Agricultural Crops(Crop, Crop season), Improvement in Crop Yield,Crop Variety Improvement (Plant Breeding-Introduction, Selection) Crop Variety Improvement (Hybridization,Recombinant DNA Technology), Crop Production Management-Nutrient Management	CIRCLES	Chord and Its related Theormes	CIRCLES Introduction, Some important terms related to circle, Angle Subtended by Chord at a Point, Theorem 1 Theorem 2 (Perpendicular from Centre to a Chord), Theorem 3, Theorem 4			

15	8TH OCT 2024 TO 13TH OCT 2024	W15	ACTIVITIES

#	Date	Week	Subject	Physics Topic	Physics Details	Chemistry Chapter	Chemistry Topic	Chemistry Details	Biology Chapter	Biology Topic	Biology Details	Maths Chapter	Maths Topic	Maths Details	Reasoning Chapter	Reasoning Details
16	15TH OCT 2024 TO 20TH OCT 2024	W16	WORK ENERGY POWER	Energy and Tranformation	Energy (Kinetic Energy), Energy (Potential Energy) Transformation of Energy, Law of Conservation of Energy, Power	ATOMS AND MOLECULES	Chemical Formulas and Molecular Masses	Chemical Formula Molecular Weight or Molecular Mass, Gram Atomic Mass and Gram Molecular Mass, Formula Unit and Formula Unit Mass	CROP PRODUCTION AND MANAGEMENT	Crop Production Management	Crop Production Management-Manures and Fertilizers, Organic Farming,Bio-fertisers, Bio-pesticides	CIRCLES	Arc of a Circle	Theorem 5, Theorem 6 NCERT QUESTIONS/ ASSIGNMENT LEVEL - 1 & 2 Theorem 9: Converse of Theorem 8 (Arcs and angles subtended by them), Theorem 10: The angles subtended by an arc of a circle at the centre is double the angle subtended by it at any point on the remaining part of the circle	COMMERCIAL MATHS-1	Pipe and Cisterns, Distance, Speed and Time
17	22ND OCT 2024 TO 27TH OCT 2024	W17	WORK ENERGY POWER	Work Done and Force Types	Conservative and Non-conservative Forces, Work Done by a Force Acting Obliquely	ATOMS AND MOLECULES	Assignment Discussion	NCERT QUESTIONS/ ASSIGNMENT LEVEL - 1	IMPROVEMENT IN FOOD RESOURCES	Methods of Irrigation and Crop Protection	Irrigation(Irrigation Systems, Cropping Patterns (Mixed Cropping, Inter-Cropping, Crop Rotation) Crop Protection Management, Pests and chemical method to control Insect Pests	CIRCLES	Cyclic Quadrilaterals	Theorem 11: Angles in the same segment of the circle are equal (Problem Discussion) Theorem 12: If a line segment joining two points subtends equal angles at two points lying on the same side of the line segment, then the four points are concyclic Cyclic quadrilaterals, Theorem 13: Sum of either pair of a cyclic quadrilateral is 180 degree (and its converse), Theorem 14: Converse of Theorem 13		

18	29TH OCT 2024 TO 3RD NOV 2024	W18	ACTIVITIES

No	Date	Week	Physics Chapter	Physics Topic	Physics Details	Chemistry Chapter	Chemistry Topic	Chemistry Details	Biology Chapter	Biology Topic	Biology Details	Maths Chapter	Maths Topic	Maths Details	Reasoning
19	5TH NOV 2024 TO 10TH NOV 2024	W19	WORK ENERGY POWER	Kinetic Energy Factors and Momentum Relationship	Factors Affecting Kinetic Energy, Relationship Between Momentum and Kinetic Energy	ATOMS AND MOLECULES	Mole Concept	Law of Multiple proportion Mole Concept (Mole in terms of mass, Mole in terms of number, Concept of Molar Mass) Mole Concept (Mole in terms of volume, Concept of molar Volume), Application of Mole in solution (Molarity of a solution, Molality of a solution), Percentage Composition	IMPROVEMENT IN FOOD RESOURCES	Animal Husbandary and Weed Control	Weeds(Methods of weed control), Storage of Grains, Preventive and Control Measures, Animal Husbandry, Cattle Farming	CIRCLES	Secant and Tangent	Circles through three Points, Secant & Tangent, Problem Discussion NCERT QUESTIONS/ ASSIGNMENT LEVEL - 1 & 2	NON-VERBAL REASONING -2
								10TH NOVEMBER 2024 (FST - 3 MATHEMATICS) (SYLLABUS W14 TO W17)							
20	12TH NOV 2024 TO 17TH NOV 2024	W20	WORK ENERGY POWER	Potential Energy: Factors and Spring Force	Factors Affecting Potential Energy, Work Done by Spring Force, Potential Energy of a Spring	STRUCTURE OF ATOM	Fundamentals particles of Atoms	NCERT QUESTIONS/ ASSIGNMENT LEVEL - 1 & 2 Introduction, Fundamental Particles of Atoms, Cathode rays: discovery of electron	IMPROVEMENT IN FOOD RESOURCES	Cattle Rearing	Improvement of Cattle Breeds, Farm Management Practices, Ration,Symptoms of sick animals,Prevention and cure of cattle diseases	HERON'S FORMULA	Area of Triangles	HERON'S FORMULA Introduction, Area of triangles using Heron's Formula Area of triangles using Heron's Formula, Problems discussion Brahmgupta Formula & Problems based on it	NON-VERBAL REASONING -2
21	19TH NOV 2024 TO 24TH NOV 2024	W21	WORK ENERGY POWER	Work energy and Energy Conservation	Work Energy Theorem, Energy Conservation Diagram Instantaneous Power in terms of Velocity NCERT QUESTIONS/ ASSIGNMENT LEVEL - 1 & 2	STRUCTURE OF ATOM	Atomic Models	Anode rays: discovery of proton, Atomic Models (Thomson's model of atom) Rutherford's model of atom Bohr's Atomic Model,	IMPROVEMENT IN FOOD RESOURCES	Poultry and Fishery	Poultry Farming(Variety improvement, Egg and Broiler Production,Poultry Care, Poultry diseases), Fish Production-Fisheries,Aquaculture, Composite fish culture	HERON'S FORMULA	Area of Triangles	PROBLEM BASED ON MIXED FIGURES WITH TRIANGLES NCERT QUESTIONS/ ASSIGNMENT LEVEL - 1 & 2	
								24TH NOVEMBER 2024 (CPT - 5) (SYLLABUS W17, W18 TO W20)							
22	26TH NOV 2024 TO 1ST DEC 2024	W22	WORK ENERGY POWER	Sound Production and Propagation	Production of Sound, Propagation of Sound, Graphical Representation of Sound Wave	STRUCTURE OF ATOM	Fundamentals particles of Atoms	Discovery of Neutron, Comparative Study of Subatomic Particles, Atomic Numbers and Mass Number	IMPROVEMENT IN FOOD RESOURCES	Apiculture	Bee keeping, Varieties of Honey Bee, Management high yield of honey	SURFACE AREA AND VOLUME	Area and Perimeter of Solid Figures	SURFACE AREA AND VOLUME Right circular cone, Surface area of right circular cone, Volume of a right circular cone Sphere and hemisphere, Surface area of sphere & hemisphere, Volume of sphere & hemisphere	
								1ST DECEMBER 2024 (FST-04 SCIENCE) (SYLLABUS W14 TO W20)							
23	3RD DEC 2024 TO 8TH DEC 2024	W23	SOUND	Factors Affecting Sound	Describing a Sound Wave Speed of Sound in Different Media, Factors Affecting Speed of Sound	STRUCTURE OF ATOM	Valency	Valency and valence electrons Isotopes and isobars	IMPROVEMENT IN FOOD RESOURCES	Improving Crop Yield	Important agricultural revolutions, Recombinant DNA technology ,Differences between manure and fertilizers, Biological nitrogen fixation Cropping Patterns(Mixed cropping, Comparison between mixed cropping and inter-cropping, Crop rotation- Norfolk rotation),	SURFACE AREA AND VOLUME	Hallow Cylinder	NCERT QUESTIONS/ ASSIGNMENT LEVEL - 1 Surface area and volume of a hollow cylinder, Section of a sphere by a plane, surface area & volume of spherical and hemi spherical shell Volume of combination of solids, Problem Discussion	COMMERCIAL MATHS- 2
24	10TH DEC 2024 TO 15TH DEC 2024	W24	SOUND	Sound Characteristic and Intensity	Time Period and Wavelength, Relation Between Velocity, Frequency and Wavelength, Numericals Characteristics of a Sound Intensity of Sound	STRUCTURE OF ATOM	Bohr's Model	Bohr's model for hydrogen atom, Bohr's radius , Limitations of Bohr's model Electronic Configuration of an Element	IMPROVEMENT IN FOOD RESOURCES	Crop Protection and Animal Husbandary	Crop Protection, Biological method of pest control, Methods of weed control, Diseases of crop plants, Control of crop diseases, Effect of moisture on stored food grains Improvement of cattle breeds for high milk production,Pisciculture (Integrated fish culture, Fish seed)	STATISTICS	Ungrouped and Grouped Date	NCERT QUESTIONS / ASSIGNMENT LEVEL-1&2 STATISTICS Class mark of a class, Width of classes in continuous form, Width of classes in discontinuous form, Graphical representation of data, Bar graph of data Histogram (Histogram for a continuous grouped frequency distribution, Histogram for a discrete frequency distribution), Frequency polygon (Method to draw frequency polygon using histogram, Method to draw frequency polygon using class marks of the classes)	
								15TH DECEMBER 2024 (CPT - 6) (SYLLABUS W21 TO W23)							
25	17TH DEC 2024 TO 22ND DEC 2024	W25	SOUND	Reflection and Application of Sound	Reflection of Sound, Audible and Inaudible Sounds, Application of Ultrasound(In Industries, For Medical Purpose)	STRUCTURE OF ATOM	Quantum numbers & Electronic configuration	Isotones, Isoelectronic species, Isodiaphers, Fractional atomic mass. Quantum numbers,Electronic configuration (Aufbau principle), Rules for filling electrons in orbitals	IMPROVEMENT IN FOOD RESOURCES	Apiculture	Apiculture (Nectar and Castes of honey bee), Management of High Yield of Honey (Honey flow and season, swarming, selection of variety, Protection from pest and diseases),	STATISTICS	Central Tendency	Measures of central tendency, Mean, Median, Mode Cumulative frequency of a class, Empirical relationship, Multimodal Data, Problem Discussion	
26	24TH DEC 2024 TO 29TH DEC 2024	W26	SOUND	Assignment Discussion	NCERT QUESTIONS/ ASSIGNMENT LEVEL - 1 REVISION	STRUCTURE OF ATOM	Assignment Discussion	NCERT QUESTIONS/ ASSIGNMENT LEVEL - 1 & 2 REVISION	IMPROVEMENT IN FOOD RESOURCES	Questions	NCERT QUESTIONS/ ASSIGNMENT LEVEL - 1 & 2 REVISION			NCERT QUESTIONS/ ASSIGNMENT LEVEL - 1 & 2 REVISION	
								HOLIDAY: CHRISTMAS (25TH DECEMBER 2024)							
								29TH DECEMBER 2024 (CPT - 7) (COMPLETE SYLLABUS TERM II)							
								REVISION SCHEDULE							
27	31ST DEC 2024 TO 5TH JAN 2025	W27			REVISION			REVISION			REVISION			REVISION	
								Holiday: NEW YEAR (1ST JANUARY 2025)							
								5TH JANUARY 2025 (TERM TEST -03 SCIENCE) (COMPLETE SYLLABUS TERM II)							
28	7TH JAN 2025 TO 12TH JAN 2025	W28			REVISION			REVISION			REVISION			REVISION	
								12TH JANUARY 2025 (TERM TEST - 04 MATHEMATICS) (COMPLETE SYLLABUS TERM II)							
29	14TH JAN 2025 TO 19TH JAN 2025	W29			REVISION			REVISION			REVISION			REVISION	

19TH JANUARY 2025 (MOCK TEST (MT) - 01 - SCIENCE) (COMPLETE SYLLABUS)														
30	21ST JAN 2025 TO 26TH JAN 2025	W30			REVISION			REVISION			REVISION			REVISION
25TH JANUARY 2025 (COMPLETE SYLLABUS TEST(CST) -02 MATHEMATICS) (COMPLETE SYLLABUS)														
HOLIDAY:REPUBLIC DAY (26TH JANUARY 2025)														
31	28TH JAN 2025 TO 2ND FEB 2025	W31			REVISION			REVISION			REVISION			REVISION
2ND FEBRUARY 2025 (COMPLETE SYLLABUS TEST (CST) - 03 SCIENCE) (COMPLETE SYLLABUS)														
9TH FEBRUARY 2024 (COMPLETE SYLLABUS TEST (CST) -04 MATHEMATICS) (COMPLETE SYLLABUS)														

The Test pattern and the Test syllabus of the test papers (as per Board Exam Pattern) are subject to revision as per Board's decisions. Management may revise the schedule and pattern accordingly.

* Deleted Topics can be covered as per Branch requirement

PHYSICS			CHEMISTRY			BIOLOGY	
Gravitation ; Elementary idea of Relative Density			Is Matter around us pure? : Seperatiom Methods			Diversity in living organisms	
Work and Energy :Commercial Unit of Energy						Why do we fall ill	
						Our Natural resources	