

CLASS: XI SUBJECT: ENGLISH (CORE)

SUBJECT TEACHERS: Mohd Tariq and Ms Rekha

| शिक्षा सेवा | शिक्षा सेवा संस्कृति | | | | | | |
|-------------------|--|----|--|---|---|--|--|
| Month | No of Days No. of Periods Weightage of Marks- of Marks | | Units/Subunits/Topics/Chapters to be Covered | MA/SEA/ART INTEGRATION/Activities /Projects/ Practical Experiments to be held/Specific AssessmentTool(s) Suggested PORTFOLIO/NOTEBOOK | | | |
| April 2025 | TEXT-BOOK: HORNBILL: CH.1 The Portrait of a Lady POEM: 1- A Photograph SNAPSHOT: CH.1 The Summer of the Beautiful White Horse WRITING SKILLS: Poster and Speech GRAMMAR: Determiners Quiz on based topcs | | Quiz on based topcs | | | | |
| | | | | Unit Test-I- (First week of May) | | | |
| May 2025 | 26 | 34 | 25 | HORNBILL: CH.2 We're Not Afraid to DieIf We Can All Be Together POEM:2- The Laburnum Top SNAPSHOT: CH.2 The Address WRITING SKILIS: Advertisements: Situation Vacant, Situation Wanted, GRAMMAR: Tenses | English Vocabulary Building Competition | | |
| July 2025 | HORNBILL: CH.3 Discovering Tut: the Saga Continues POEM: -3 The Voice of the Rain SNAPSHOT: CH.3 Mother's Day WRITING SKILLS: Advertisements: Sale and Purchase o Property/Vehicles/Household goods Posters GRAMMAR: Active and Passive Voice | | SNAPSHOT: CH.3 Mother's Day WRITING SKILLS: Advertisements: Sale and Purchase of | Speech Presentation | | | |
| | | | | Periodic Test-I - (First Week of August) | | | |
| August 2025 | 23 | 30 | 50 | WRITING SKILLS: Posters GRAMMAR: Modals | Debate Presentation | | |
| September 2025 | | | Extempore | | | | |
| | | | | Mid Term Exam (Second Week of September) | | | |
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| October 2025 | 19 | 24 | 75 | SNAPSHOT: CH.4 Birth WRITING SKILLS: Debate GRAMMAR: Organising Words into Sentences | Debate | | |
|------------------|---------|--------|-----|---|---------------------------|--|--|
| November 2025 | 23 | 28 | 85 | HORNBILL: CH.5 Silk Road POEM: 5- Father to Son WRITING SKILLS:Debate GRAMMAR: Transformation of sentences | One Act Play Presentation | | |
| | | | | Unit Test -II (First Week of November) | | | |
| December 2025 | 25 | 32 | 95 | SNAPSHOT: CH.5 The Tale of Melon City GRAMMAR: Clauses | Quiz, Story Telling | | |
| | | 1 | | Periodic Test -II - (Third week of December) | | | |
| January 2026 | 16 | 20 | 100 | Revison | Revision Test, GD ,Quiz | | |
| February 2026 | 22 | 28 | | Revision | Speech Presentation | | |
| | | | | Annual Exam - (Second week of February) | | | |
| Types | Of Exar | ninati | on | EXAM WISE SYLLABUS | | | |
| | UT-I | | | HORNBILL: CH.1 The Portrait of a Lady POEM:1- A Photograph SNAPSHOT:CH.1 The Summer of the Beautiful White Horse WRITING SKILLS: Poster, and Speech GRAMMAR: 1-Determiners | | | |
| PT-I | | | | HORNBILL: CH.2 We're Not Afraid to Die If We Can All Be Together CH.3 Discovering Tut: The Saga Continues POEM: 2- The Laburnum Top 3- The Voice of the Rain SNAPSHOT: Ch.2 The Address CH.3 Mother's Day WRITING SKILLS: Advertisements: Situation Vacant, Situation Wanted, and Sale and Purchase of Property, Vehicles and Household goods, GRAMMAR: Tenses and Active and Passive Voice | | | |

| MID-TERM (50%) | HORNBILL: CH.1 The Portrait of a Lady CH.2 We're Not Afraid to Die If We Can All Be Together CH.3 Discovering Tut: The Saga Continues POEM:1- A Photograph 2- The Laburnum Top 3- The Voice of the Rain SNAPSHOT:CH.1 The Summer of the Beautiful White Horse CH.2 The Address CH.3 Mother's Day WRITING SKILLS: Poster, and Speech, Advertisements: Situation Vacant, Situation Wanted, Sale and Purchase of property/Vehicles/Household goods, To Let, GRAMMAR: 1-Determiners, Tenses, Active and Passive Voice, Modals |
|---------------------------|---|
| UT-II | HORNBILL: CH.4 The Adventure POEM: 4- Childhood SNAPSHOT:Ch.4 Birth WRITING SKILLS: Educational institutions, Missing Persons/Pet animals, Lost and Found, Travels and Tours, Debate GRAMMAR: 1-Determiners, Tenses, Active and Passive and Modals |
| PT-II | HORNBILL: CH.5 Silk Road POEM: 5- Father to Son SNAPSHOT:CH.5 The Tale of Melon City WRITING SKILLS: Advertisements:Lost and Found, Travels and Tours Business Proposals and Matrimonials, Debate GRAMMAR: Clauses and Organising Words into Sentences |
| ANNUAL EXAM (AS PER CBSE) | 100% |



CLASS: 11 SUBJECT:-PHYSICS

SUBJECT TEACHER:-Ashish Kumar

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|---------------|------------|-------------------|------------------------|---|--|
| Month | No of Days | No. of Periods | Weightage of Marks- | Units/Subunits/Topics/Chapters to be Covered | MA/SEA/ART INTEGRATION/Activities /Projects/ Practical Experiments to be held/Specific AssessmentTool(s) SuggestedPORTFOLIO/NOTEBOOK |
| April 2025 | 22 | | 10 | Units and Measurements, Motion in a Straight Line | |
| | | | | Unit Test-I- (First week of May) | |
| May 2025 | 26 | | 18 | Motion in a Plane Laws of Motion | To measure diameter of a small spherical /cylindrical body and to measure internal diameter and depth of a given beaker/ calorimeter using Vernier Callipers and hence find its volume. |
| July 2025 | 27 | | 24 | Laws of Motion | To measure diameter of a given wire and thickness of a given sheet using screw gauge. To determine volume of an irregular lamina using screw gauge. |
| | | | | Periodic Test-I - (First Week of August) | |
| August 2025 | 23 | | 35 | Work, Energy and Power, System of Particles and Rotational Motion | To determine radius of curvature of a given spherical surface by a spherometer. To determine the mass of two different objects using a beam balance. To find the weight of a given body using parallelogram law of vectors. To make a paper scale of given least count ,e.g., 0.2cm, 0.5cm.(Activity),To measure the force of limiting friction for rolling of a roller on a horizontal plane. |

| September 2025 | 24 | | 45 | Gravitation, Mechanical properties Of Solids | To determine mass of a given body using a metre scale by principle of moments (Activity). To study the conservation of energy of a ball rolling down on an inclined plane, using a double inclined plane (Activity). |
|-------------------|--------|--------|-----|---|--|
| | | | | Mid Term Exam (Second Week of September) | |
| October 2025 | 19 | | 53 | Mechanical properties of Fluids ,Thermal Properties of Matter | To determine Young's modulus of elasticity of the material of a given wire. |
| November 2025 | 23 | | 60 | Thermodynamics, Kinetic Theory of Gases | To determine the surface tension of water by capillary rise method. To determine the coefficient of viscosity of a given viscous liquid by measuring terminal velocity of a given spherical body. spherical |
| | | | | Unit Test -II (First Week of November) | |
| December 2025 | 25 | | 67 | Oscillations , Waves | Using a simple pendulum, plot its graph and use it to find the effective length of second's pendulum. To find the force constant of a helical spring by plotting a graph between load and extension. To observe change of state and plot a cooling curve for molten wax (Activity). To observe and explain the effect of heating on a hi-metallic strip (Activity) |
| | | - | | Periodic Test -II - (Third week of December) | THEATTHIN A THE THE AND STREET AND STREET |
| January 2026 | 16 | | 70 | Revison | To note the change in level of liquid in a container on heating and interpret the observations (Activity). |
| February 2026 | 22 | | | Revision | |
| | | 1 | | Annual Exam - (Second week of February) | |
| Types | Of Exa | minati | ion | EXAM WISE SYLLABUS | |
| | UT-I | | | Units and Measurements | |

| PT-I | Motion in a Straight Line, Motion in a Plane |
|----------------|--|
| MID-TERM (50%) | Units and Measurements, Motion in a Straight Line, Motion in a Plane, Laws of Motion, Work Energy and Power, System of Particles and Rotational Motion |
| UT-II | Gravitation, Mechanical properties of Solids |
| PT-II | Mechanical properties of Fluids, Thermal Properties of Matter |
| ANNUAL EXAM | 100% |



CLASS: XI SUBJECT: CHEMISTRY

SUBJECT TEACHERS: MS. SHAHIN TABBUSSUM

| Month | No of Days | No. of Periods | Weightage of Marks- Chapter/Unit | Units/Subunits/Topics/Chapters to be Covered | MA/SEA/ART INTEGRATION/Activities /Projects/ Practical Experiments to be held/Specific AssessmentTool(s) SuggestedPORTFOLIO/NOTEBOOK |
|----------------|------------|-------------------|--|--|---|
| April 2025 | 77 | 33 | 7+9 | CH-1 Some basic concepts of chemistry CH-2 Structure of an atom [upto atomic models] | EXPERIMENTS -1. Use of electronic balance 2.preparation of standard solution of oxalic acid. 3. preparation of standard solution of sodium carbonate. |
| | _ | | | Unit Test-I- (First week of May) | |
| May 2025 | 56 | 39 | 9 | CH-2 Structure of an atom [complete] | EXPERIMENTS -4. Determination of MP of an organic compound. 5. Determination of BP of an organic compound. 6. To analyse one cation and one anion in the given inorganic compound. |
| July 2025 | 27 | 40 | 6+7 | CH-3 Classification of elements and periodicity in properties CH- 4 Chemical bonding and molecular structure[upto VSEPR theory] | EXPERIMENTS - 7. Determination of pH of solutions obtained from fruit juices and varied conc. Of acids , bases and salts. 8. To analyse one cation and one anion in the given inorganic compound. |
| | | | | Periodic Test-I - (First Week of August) | 1 |
| August 2025 | 23 | 34 | 7+9 | CH- 4 Chemical bonding and molecular structure[complete] CH-5 Thermodynamics | Experiments - 9. Determination of N in given organic compound 10. To analyse one cation and one anion in the given inorganic compound. |

| September 2025 | 24 | 36 | | REVISION of sylllabus taught | |
|-------------------|----------|-------|------|---|--|
| | | | | Mid Term Exam (Second Week of September) | |
| October 2025 | 19 | 27 | 7+4 | CH-6 Equilibrium[chemical and ionic equilibrium] CH- 7 Redox reactions | EXPERIMENTS-11.Determination of N&S in given organic compound 12. To analyse one cation and one anion in the given inorganic compound. |
| November 2025 | 23 | 33 | 11 | CH-8 Organic chemistry -some basic principles and techniques | EXPERIMENTS -13. ACID BASE TITRATIONS |
| | | | | U+A15:F16nit Test -II (First Week of November) | |
| December 2025 | 25 | 38 | 10 | CH- 4 Hydrocarbon | |
| | | | | Periodic Test -II - (Third week of December) | |
| January 2026 | 16 | | | REVISION | |
| February 2026 | 22 | | | REVISION + ANNUAL EXAM | |
| | | - | | Annual Exam - (Second week of February) | |
| Туре | es Of Ex | amina | tion | EXAM WISE SYLLABUS | |
| | | | | CH-1 Some basic concepts of chemistry CH-2 Structure of an atom [upto | o atomic models] |

| PT-I | CH-2 Structure of an atom [REST FROM ATOMIC MODELS] CH-3 Classification of elements and periodicity in properties CH- 4 Chemical bonding and molecular structure[upto VSEPR theory] | |
|---------------------------|--|------|
| MID-TERM (50%) | CH-1 Some basic concepts of chemistry CH-2 Structure of an atom Classification of elements and periodicity in properties CH-4 Chemical bonding and molecular structure CH-5 Thermodynamics | CH-3 |
| UT-II | CH-6 Equilibrium | |
| PT-II | CH-7 Redox reactions | |
| ANNUAL EXAM (AS PER CBSE) | 100% SYLLABUS | |



CLASS: XI SUBJECT:BIOLOGY

SUBJECT TEACHERS: KUSUM SHARMA

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| Month | No of Days | No. of Periods | Weightage of Marks- Chapter/Unit | Units/Subunits/Topics/Chapters to be Covered | MA/SEA/ART INTEGRATION/Activities /Projects/ Practical Experiments to be held/Specific AssessmentTool(s) SuggestedPORTFOLIO/NOTEBOOK |
| April 2025 | 22 | 28 | 10 | Unit-I Diversity of Living Organisms Chapter-1: The Living World. Chapter-2: Biological Classification. chapter-3: Plant Kingdom | EXPERIMENT-1.Study of distribution of stomata on the upper and lower surfaces of leaves.SPOTTING-1. Parts of a compound microscope. 2. Specimens/slides/models and identification with reasons - Bacteria, Oscillatoria, Spirogyra, Rhizopus, mushroom, yeast, liverwort, moss, fern, pine, one monocotyledonousplant, one dicotyledonous plant and one lichen |
| | 1 | • | | Unit Test-I- (First week of May) | |
| May 2025 | 26 | 35 | 5+4 | Chapter-4: Animal Kingdom. Unit-II Structural Organization in Plants and Animals- Chapter-5: Morphology of Flowering Plants. | EXPERIMENTS-2.Study and describe locally available common flowering plants, from family Solanaceae (Poaceae/ Malvaceae).SPOTTING-3. Virtual specimens/slides/models and identifying features of - Amoeba, Hydra, liver fluke, Ascaris, leech, earthworm, prawn, silkworm, honey bee, snail, starfish, shark, rohu, frog, lizard, pigeon and rabbit.4.Different types of inflorescence (cymose and racemose). |

| July 2025 | 27 | 39 | 6+5 | Chapter-6: Anatomy of Flowering Plants. Chapter-7: Structural Organisation in Animals. Unit-III Cell: Structure and Function. Chapter-8: Cell-The Unit of Life | EXPERIMENTS-3.Preparation and study of T.S. of dicot and monocot roots. 4.Preparation and study of T.S. of dicot and monocot stem. |
|------------------|---------------------------------------|----|---|--|--|
| | | | | Periodic Test-I - (First Week of August) | |
| August 2025 | 23 | 33 | 10 | Chapter-9: Biomolecules. Chapter-10: Cell Cycle and Cell Division. | EXPERIMENTS-5. Test for the presence of sugar, starch, proteins and fats in suitable plant and animalmaterials. SPOTTING-5. Mitosis in onion root tip cells and animals cells (grasshopper) from permanent slides |
| September 2025 | 24 | 10 | | REVISION OF Chapters-: The Living World, Biological Classification, Plant Kingdom, Anatomy of Flowering Plants Structural Organisation in Animal, Biomolecules, Cell Cycle and Cell Division. | EXPERIMENT6.Study of osmosis by potato osmometer. |
| | | | | Mid Term Exam (Second Week of September) | |
| October 2025 | 19 | 27 | 12 | Unit-IV Plant Physiology. Chapter-13: Photosynthesis in Higher Plants. Chapter-14: Respiration in Plants. Chapter-15: Plant - Growth and Development. | EXPERIMENTS-7.Study of the rate of respiration in flower buds/leaf tissue and germinating seeds. 8. Comparative study of the rates of transpiration in the upper and lower surfaces of leaves.9.Separation of plant pigments through paper chromatography. |
| November 2025 | 9 ' ' ' ' ' ' ' ' ' | | EXPERIMENTS-10. Test for presence of urea, sugar, albumin, and bile salts in urine. SPPOTING-6.Human skelaton and joints. | | |
| , | | | | Unit Test -II (First Week of November) | • |

| December 2025 | 25 | 38 | 6 | Chapter-21 : Neural Control and Coordination. Coordination and Integration | (nanter- / / (nemical | EXPERIMENT 12. Study of plasmolysis in epidermal peels (e.g. Rhoeo/lily leaves or flashy scale leaves ofonion bulb). | | |
|------------------|---|----|---|--|-------------------------|--|--|--|
| | | | | Periodic Test -II - (Third | week of December) | | | |
| January 2026 | 16 | 24 | | REVISION-Chapters-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 | , &13. | REVISION-Practicals | | |
| February 2026 | 22 | 11 | | REVISION-Chapters-14, 15, 16, 17, 18 &19. | | SUBMISSION of practical record and investigatory project. | | |
| | Annual Exam - (Second week of February) | | | | | | | |

| Types Of Examination | EXAM WISE SYLLABUS | |
|---------------------------|---|--|
| UT-I | Chapters-: The Living World, Biological Classification, Plant Kingdom. | |
| PT-I | Chapters-Animal Kingdom, Morphology of Flowering Plants, Anatomy of Flowering Plants, Structural Organisation in Animals | |
| MID-TERM (50%) | Chapters- The Living World, Biological Classification, Plant Kingdom ,Anatomy of Flowering Plants Structural Organisation in Animal,Biomolecules, Cell Cycle and Cell Division,Animal Kingdom,Morphology of Flowering Plants,cell the unit of life. | |
| UT-II | Chapters- Photosynthesis in Higher Plants, Respiration in Plants, Plant - Growth and Development. | |
| PT-II | Chapters- Breathing and Exchange of Gases ,Body Fluids and Circulation, Excretory Products and their Elimination .Chapter, Locomotion and Movement. | |
| ANNUAL EXAM (AS PER CBSE) | 100% SYLLABUS | |



CLASS: XI SUBJECT: Mathematics

SUBJECT TEACHER: Ritesh Kumar Shukla

| Month | No of Days | No. of Periods | Weightage of Marks- Chapter/Unit | Units/Subunits/Topics/Chapters to be Covered | MA/SEA/ART INTEGRATION/Activities /Projects/ Practical Experiments to be held/Specific AssessmentTool(s) SuggestedPORTFOLIO/NOTEBOOK |
|------------|------------|-------------------|--|--|---|
| April 2025 | 22 | 20 + 6 | Functions (23) | Sets: Sets and their representations, Empty set, Finite and Infinite sets, Equal sets, Subsets, Subsets of a set of real numbers especially intervals (with notations). Universal set. Venn diagrams. Union and Intersection of sets. Difference of sets. Complement of a set. Properties of Complement. Relations & Functions: Ordered pairs. Cartesian product of sets. Number of elements in the Cartesian product of two finite sets. Cartesian product of the set of reals with itself (upto R x R x R). Definition of relation, pictorial diagrams, domain, co-domain and range of a relation. Function as a special type of relation. Pictorial representation of a function, domain, co-domain and range of a function. Real valued functions, domain and range of these functions, constant, identity, polynomial, rational, modulus, signum, exponential, logarithmic and greatest integer functions, with their graphs. Sum, difference, product and quotients of functions. | ACT 01: Each group will randomly pick pieces from the box and classify them into different sets (e.g., natural numbers, even numbers, vowels, consonants, etc.) ACT02: Discuss with the class how the elements are grouped based on set properties and Venn diagrams. ACT03: To help students understand relations and functions. |
| | | | | Unit Test-I- (First week of May) | |

| May 2025 | 26 | 14+18 | Algebra(25) | Relations & Functions : domain, co-domain and range of a relation. Function as a special type of relation. Pictorial representation of a function, domain, co-domain and range of a function. Real valued functions, domain and range of these functions, constant, identity, polynomial. | ACT 01: To demonstrate the application of trigonometric functions in real life. ACT 02: To Demostrate the trigonometric functions and their graphs. ACT 03: Ask them to create a presentation demonstrating how they would use sine, cosine, and tangent in solving the problem. |
|-------------|----|-------|-------------|--|--|
| July 2025 | 27 | 25 | Algebra(25) | Trigonometric Functions: $tan(x \pm y)$, $cot(x \pm y)$, $sina \pm sin\beta$, $cosa \pm cos\beta$, Identities related to $sin2x$, $cos2x$, $tan2x$, $sin3x$, $cos3x$ and $tan3x$. Complex Numbers and Quadratic Equations Need for complex numbers, especially $\sqrt{-1}$, to be motivated by inability to solve some of the quadratic equations. Algebraic properties of complex numbers. Argand plane. Linear inequalities . Algebraic solutions of linear inequalities in one variable and their representation on the number line. | ACT01: To explore the concept of complex numbers. ACT02: finding the modulus and argument of a complex number. ACT03: To visualize solutions of linear inequalities on the graph paper |
| | | | | Periodic Test-I - (First Week of August) | |
| August 2025 | 23 | 12+12 | Algebra(25) | Permutations and Combinations Fundamental principle of counting. Factorial n. (n!) Permutations and combinations, derivation of Formulae for nPr and nCr and their connections, simple applications. Binomial Theorem: Historical perspective, statement and proof of the binomial theorem for positive integral indices. Pascal's triangle, simple applications | ACT01: To understand permutations and combinations through practical problems. ACT02: To understand binomial expansion. (using by Bingo cards) |

| Progression (G.P.), general term of a G.P., sum of n terms of a G.P., infinite G.P. and its sum, geometric mean (G.M.), relation between A.M. and G.M. The Straight Lines: Brief recall of two dimensional geometry from earlier classes. Slope of a line and angle between two lines. Various forms of equations of a line: parallel to axis, point-slope form, slope-intercept form, two-point form, intercept form, between A.M. and G.M. The Straight Lines: Brief recall of two dimensional geometry from earlier classes. Slope of a line and angle between two lines. Various forms of equations of a line: parallel to axis, point-slope form, slope-intercept form, two-point form, intercept form, between two lines as a degenerated case of a conic section. Straight line and a pair of intersecting lines as a degenerated case of a conic section. Standard equations and simple properties of parabola, ellipse and hyperbola. Standard equations and simple properties of parabola, ellipse and hyperbola. Standard equations and simple properties of parabola, ellipse and hyperbola. Standard equations and simple properties of parabola, ellipse and hyperbola. Standard equations and simple properties of parabola, ellipse and hyperbola. Standard equations and simple properties of parabola, ellipse and hyperbola. Standard equations and simple properties of parabola, ellipse and hyperbola. Standard deviation of a circle. Introduction to Three-dimensional Geometry: Coordinate axes and coordinate planes in three dimensions. Coordinates of a point. Distance between two points. Limits and Derivatives: Derivative introduced as rate of change both as that of distance function and geometrically. Intuitive idea of limit. Limits of polynomials and rational functions trigonometric, exponential and logarithmic functions. Definition of derivative relate it to scope of tangent of the curve, derivative of sum, difference, product and quotient of functions. Unit Test -II (First Week of November) Statistics (20) Periods Measures of Dispersion: Range, Mean d | | | | _ | 1 <u> </u> | |
|--|-------|----|----|------------------|---|---|
| Conic Sections: Sections of a cone: circles, ellipse, parabola, hyperbola, a point, a straight line and a pair of intersecting lines as a degenerated case of a conic section. Standard equations and simple properties of parabola, ellipse and hyperbola). Standard equation of a circle. Introduction to Three-dimensional Geometry: Coordinate axes and coordinate planes in three dimensions. Coordinates of a point. Distance between two points. Limits and Derivatives: Derivative introduced as rate of change both as that of distance function and geometrically. Intuitive idea of limit. Limits of polynomials and rational functions trigonometric, exponential and logarithmic functions. Definition of derivative relate it to scope of tangent of the curve, derivative of sum, difference, product and quotient of functions. Derivatives of polynomial and trigonometric functions. Statistics (20) Periods Measures of Dispersion: Range, Mean deviation, variance and standard deviation of ungrouped/grouped data. Probability: Statistics (20) Periods Measures of Dispersion: Range, Mean deviation, variance and standard deviation of ungrouped/grouped data. Probability: Events; occurrence of events, 'not', 'and' and 'or' events, exhaustive events, mutually events, exclusive events, Axiomatic (set theoretic) probability, connections with other theories of earlier classes. Probability of an event, probability of 'not', 'and' and 'or' events. COORDINATION. ACT 01: To understand the concept of limits and how to evaluate them from graphs. ACT 01: Divide students into groups and assign each group a data collection task (e.g., measuring the heights of classmates, counting the number of pets owned by each student, etc.). ACT 02: Provide students with a variety of security of sec | r 202 | 24 | +1 | oordinate (13 | its sum, geometric mean (G.M.), relation between A.M. and G.M. The Straight Lines: Brief recall of two dimensional geometry from earlier classes. Slope of a line and angle between two lines. Various forms of equations of a line: parallel to axis, point -slope form, slope-intercept | |
| straight line and a pair of intersecting lines as a degenerated case of a conic section. Standard equations and simple properties of parabola, ellipse and hyperbola. Standard equation of a circle. Introduction to Three-dimensional Geometry: Coordinate axes and coordinate planes in three dimensions. Coordinates of a point. Distance between two points. Limits and Derivatives: Derivative introduced as rate of change both as that of distance function and geometrically. Intuitive idea of limit. Limits of polynomials and rational functions trigonometric, exponential and logarithmic functions. Definition of derivative relate it to scope of tangent of the curve, derivative of sum, difference, product and quotient of functions. Derivatives of polynomial and trigonometric functions. Statistics (20) Periods Measures of Dispersion: Range, Mean deviation, variance and standard deviation of ungrouped/grouped data. Probability: Events; occurrence of events, 'not', 'and' and 'or' events, exhaustive events, mutually events, exicusive events, Axiomatic (set theoretic) probability, connections with other theories of earlier classes. Probability of an event, probability of 'not', 'and' and 'or' events. Statistics (20) Periods Measures of Dispersion: Range, Mean deviation, variance and assign each group a data collection task (e.g., measuring the heights of classmates, counting the number of pets owned by each student, etc.). ACT 01: Divide students into groups and assign each group a data collection task (e.g., measuring the heights of classmates, counting the number of pets owned by each student, etc.). ACT 02: Provide students with a variety of scenarios (e.g., rolling a dice, drawing a card from a deck) and ask them to calculate the | | | | | Mid Term Exam (Second Week of September) | : |
| distance function and geometrically. Intuitive idea of limit. Limits of polynomials and rational functions trigonometric, exponential and logarithmic functions. Definition of derivative relate it to scope of tangent of the curve, derivative of sum, difference, product and quotient of functions. Derivatives of polynomial and trigonometric functions. Value Valu | 70 | 19 | 12 | Coordina | straight line and a pair of intersecting lines as a degenerated case of a conic section. Standard equations and simple properties of parabola, ellipse and hyperbola. Standard equation of a circle. Introduction to Three-dimensional Geometry: Coordinate axes and coordinate planes in three dimensions. Coordinates of a point. Distance | ellipses, parabolas, and hyperbolas). ACT 02- Work on real-life examples where conic sections are used (e.g., satellite orbits, |
| Statistics (20) Periods Measures of Dispersion: Range, Mean deviation, variance and standard deviation of ungrouped/grouped data. Probability: Events; occurrence of events, 'not', 'and' and 'or' events, exhaustive events, mutually exclusive events, Axiomatic (set theoretic) probability, connections with other theories of earlier classes. Probability of an event, probability of 'not', 'and' and 'or' events. Statistics (20) Periods Measures of Dispersion: Range, Mean deviation, variance and standard deviation of ungrouped/grouped data. Probability: Events; occurrence of events, 'not', 'and' and 'or' events, exhaustive events, mutually exclusive events, Axiomatic (set theoretic) probability, connections with other theories of earlier classes. Probability of an event, probability of 'not', 'and' and 'or' events. ACT O1: Divide students into groups and assign each group a data collection task (e.g., measuring the heights of classmates, counting the number of pets owned by each student, etc.). ACT O2: Provide students with a variety of scenarios (e.g., rolling a dice, drawing a card from a deck) and ask them to calculate the | r 20 | 23 | 26 | calculas(8) | distance function and geometrically. Intuitive idea of limit. Limits of polynomials and rational functions trigonometric, exponential and logarithmic functions. Definition of derivative relate it to scope of tangent of the curve, derivative of sum, difference, product and quotient of functions. Derivatives of polynomial and trigonometric | · · |
| standard deviation of ungrouped/grouped data. Probability: assign each group a data collection task (e.g., measuring the heights of classmates, counting the number of pets owned by each student, events, Axiomatic (set theoretic) probability, connections with other theories of earlier classes. Probability of an event, probability of 'not', 'and' and 'or' events. Standard deviation of ungrouped/grouped data. Probability: assign each group a data collection task (e.g., measuring the heights of classmates, counting the number of pets owned by each student, etc.). ACT O2: Provide students with a variety of scenarios (e.g., rolling a dice, drawing a card from a deck) and ask them to calculate the | | | | | Unit Test -II (First Week of November) | |
| Periodic Test -II - (Third week of December) | r 20 | 25 | +1 | tistics and p | standard deviation of ungrouped/grouped data. Probability: Events; occurrence of events, 'not', 'and' and 'or' events, exhaustive events, mutually exclusive events, Axiomatic (set theoretic) probability, connections with other theories of earlier classes. | assign each group a data collection task (e.g., measuring the heights of classmates, counting the number of pets owned by each student, etc.). ACT O2: Provide students with a variety of scenarios (e.g., rolling a dice, drawing a card |
| · · | | | | | Periodic Test -II - (Third week of December) | |

| January 2026 | 16 | 16 | | Probability of an event, probability of `not', `and' and `or' events. Revision | Revision | | |
|---|------------------|-------|-------|--|----------|--|--|
| February 2026 | 22 | | | Revision | Revision | | |
| Annual Exam - (Second week of February) | | | | | | | |
| Ту | pes Of E | xamin | ation | EXAM WISE SYLLABUS | | | |
| | U | Г-І | | Sets and Relation and Function | | | |
| | P1 | Г-І | | trigonometry, complex number and linear equations | | | |
| N | 4ID-TER | M (50 | 9%) | Sets , Relation and Function, trigonometry, complex number and Linear inequalities, Permutations and Combinations, Binomial Theorem, | | | |
| UT-II | | | | Sequence and Series and The Straight Lines | | | |
| PT-II | | | | Conic Section , 3D, Limits and derivatives | | | |
| ANNUA | L EXAM (AS PE | R CBS | SE) | All chapters | | | |



CLASS: 11 SUBJECT:Hindi

SUBJECT TEACHERS: Rajnish Kumar Mishra

| ित्रका शेवा संस्कृति | | | | | | | |
|----------------------|---|-------------------|--|--|--|--|--|
| Month | No of Days | No. of Periods | Weightage of Marks- Chapter/Unit | Units/Subunits/Topics/Chapters to be Covered | MA/SEA/ART INTEGRATION/Activities /Projects/ Practical Experiments to be held/Specific AssessmentTool(s) SuggestedPORTFOLIO/NOTEBOOK | | |
| April 2025 | 22 | 20 | | नमक का दरोगा,कबीर,भारतीय गायिकाओं में बेजोड़ लता , | भारत के प्रसिद्ध गायकों का जीवन परिचय | | |
| | | | | Unit Test-I- (First week of May) | | | |
| Мау 2025 | 26 | 20 | | अपु के साथ ढाई साल,मीरा बाई ,जनसंचार के माध्यम, अपठित काव्यांश एवं गद्यांश | जनसंचार के प्रमुख साधनों के फोटों का संकलन | | |
| July 2025 | 27 | 20 | | मियां नसीरुद्दीन, जनसंचार के माध्यम | | | |
| | | | | Periodic Test-I - (First Week of August) | | | |
| August 2025 | 23 | 20 | | विदाई सांभाषण ,घर की याद,पत्रकारिता के विविध आयाम। | "भारत एवं इसकी संस्कृति" पर भाषण | | |
| September 2025 | 24 | 5 | | गलता लोहा,चंपा काले अक्षर नहीं चिन्हिती,कथा पटकथा, डायरी लेखन। | "अपने बचपन की एक घटना" पर डायरी लिखिए एवं कुछ प्रसिद्ध डायरी के उदाहरणों का संकलन तैयार कीजिए | | |
| - | | ! | | Mid Term Exam (Second Week of September) | | | |
| <u> </u> | ina ioni anam (occona il con oi copienia) | | | | | | |

| October 2025 | 19 | 20 | | रजनी, आलो अंधारी, कार्यालयी लेखन | एक प्रतिवेदन तैयार कीजिए | |
|-------------------|---------|-------|---------|---|--|--|
| November 2025 | 23 | 20 | | जामुन का पेड़,हे भूख मत मचल,मेरे जूही के फूल, रोज़गार के लिए पत्र | | |
| | | | | Unit Test -II (First Week of November) | | |
| Decembe r 2025 | 25 | 20 | | भारत माता,सबसे खतरनाक। | भारत के प्रसिद्ध आंदोलनों का संकलन तैयार कीजिए | |
| | | | | Periodic Test -II - (Third week of December) | | |
| January 2026 | 16 | 12 | | रोज़गार के लिए पत्र | | |
| February 2026 | 22 | 14 | | पुनराभ्यास | | |
| | | | | Annual Exam - (Second week of February) | | |
| Тур | es Of E | xamin | ation | EXAM WISE SYLLABUS | | |
| UT-I | | | | नमक का दरोगा,कबीर,भारतीय गायिकाओं में बेजोड़ लता , | | |
| PT-I | | | | अपु के साथ ढाई साल,मीरा बाई ,जनसंचार के माध्यम,मियां नसीरुद्दीन,अपठित काव्यांश एवं गद्यांश | | |
| M | IID-TER | | %) | घर की याद,पत्रकारिता के विविध आयाम।गलता लोहा,चंपा काले अक्षर नहीं चिन्हिती,कथा पटकथा, डायरी लेखन।और ut+PT | | |
| | | -II | | भारत माता,सबसे खतरनाक।, | | |
| A B/5 | | -II | /AC 5=5 | अपठित काव्यांश,गद्यांश,रोज़गार के लिए पत्रहे भूख मत मचल,भारत माता,सबसे खतरनाक। | | |
| ANNUA | L EXAM | | (AS PER | संपूर्ण पाठ्यक्रम | | |



class - 11 SUBJECT:PHY. EDUCATION

SUBJECT TEACHERS: PUNEET BHARDWAJ

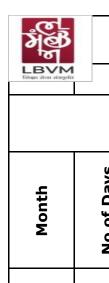
| Month | No of Days | No. of Periods | Weightage of Marks- Chapter/Unit | Units/Subunits/Topics/Chapters to be Covered | MA/SEA/ART INTEGRATION/Activities /Projects/ Practical Experiments to be held/Specific AssessmentTool(s) SuggestedPORTFOLIO/NOTEBOOK |
|-------------------|------------|-------------------|--|--|--|
| April 2025 | 22 | 20 | | Changing trends and career in physical education | basket ball |
| | | | | Unit Test-I- (First week of May) | |
| Мау 2025 | 26 | 20 | 5 | Olympic value education | volleyball |
| July 2025 | 27 | 20 | 7 | Yoga | Badminton |
| | | | | Periodic Test-I - (First Week of August) | |
| August 2025 | 23 | 20 | 7 | Physical education & sports for CWSN | Т.Т |
| September 2025 | 24 | 5 | 5 | Physical Fittness , Wellness | kho- kho |
| | | | | Mid Term Exam (Second Week of September) | |
| October 2025 | 19 | 20 | 8 | Test measurment &evaluation | Sai kehlo india fittness test |

| November 2025 | 23 | 20 | 16 | Fundamental of Anatomy and physiology in sports / Fundamental of Kinesiology and Biomechnics in sports | ROCKPORT TEST | |
|-------------------|----------------|--------|-------|--|-------------------------------|--|
| | | | | Unit Test -II (First Week of November) | | |
| Decembe r 2025 | 25 | 20 | 7 | Psychology and Sports | atheletic | |
| | | | | Periodic Test -II - (Third week of December) | | |
| January 2026 | 16 | 12 | 7 | Training &Doping in sports | Kabbaddi | |
| February 2026 | 22 | 14 | | Practical | SAI kehlo india fittness test | |
| | | | | Annual Exam - (Second week of February) | | |
| Тур | es Of E | xamin | ation | EXAM WISE SYLLABUS | | |
| | U ⁻ | Г-І | | Changing trends & carrer in physical education | | |
| PT-I | | | | Unit 1 & Unit 2 | | |
| M | ID-TER | M (50 | %) | Unit 1 to Unit 5 | | |
| | | -II | | Test & Measurement & Evaluation | | |
| | PT | -II | | Unit 7 & Unit 8 | | |
| ANNUAI | | PER CI | BSE) | 100% | | |

| % 소년 | | | | LIONS BAL VIDYA MANDIR, P | ILIBHIT | | | | | |
|--------------------------|------------------------------------|-------------------|--|--|--|--|--|--|--|--|
| LBVM feam den elegefo | | CLA | SS:XI | | SUBJECT:HMV(034) | | | | | |
| | SUBJECT TEACHERS:Mrs.Neelam Saxena | | | | | | | | | |
| Month | No of Days | No. of Periods | Weightage of Marks- Chapter/Unit | Units/Subunits/Topics/Chapters to be Covered | MA/SEA/ART INTEGRATION/Activities /Projects/ Practical Experiments to be held/Specific AssessmentTool(s) SuggestedPORTFOLIO/NOTEBOOK | | | | | |
| April 2025 | 22 | 20 | | Swar , saptak ,Nattya shastra ,Raag Bihaag | Saraswati Vandana (Singing) | | | | | |
| | | | | Unit Test-I- (First week of May) | | | | | | |
| Мау 2025 | 26 | 20 | | Margi,Desi, Structure of Tanpura , Teental | Group Singing Bhajan Sangeet | | | | | |
| July 2025 | 27 | 20 | | Dhrupad,Khayal,Tarana,Brief study of Ektaal | Hand beats of talas | | | | | |
| | | | | Periodic Test-I - (First Week of August) | | | | | | |
| August 2025 | 23 | 20 | | Thaat,Jati,Laya,Raag bheempalasi,Life sketch of Tansen | Patriotic Song | | | | | |
| tember 2025 | 24 | 5 | | Swar Vistar ,Raag Bihaag ,Raag bheempalasi | Alankar Revision | | | | | |

Mid Term Exam (Second Week of September)

| October 2025 | 19 | 20 | | Nada,Shruti,Raag bhairvi | Devotional song | |
|-------------------|------------------|-------|---|--|---------------------------------|--|
| November 2025 | 23 | 20 | | Definition of Raag, Taal, Life sketch of V.N. bhatkhandey | Group Singing Classical Song | |
| | | | | Unit Test -II (First Week of November) | | |
| Decembe r 2025 | 25 | 20 | | Raag Bhairvi , Dhrupad ,Raag Bihaag , Chartal with Laykari | Making Chart Musical instrument | |
| | | | | Periodic Test -II - (Third week of December) | | |
| January 2026 | 16 | 12 | | Life sketch of V.D.Palusker, Writing Notation Raag Bihaag, Raag bheempalasi, Raag bhairvi | Group Singing Patriotic Song | |
| February 2026 | 22 | 14 | | Revision | | |
| | | | | Annual Exam - (Second week of February) | | |
| Ту | pes Of E | xamir | nation | EXAM WISE SYLLABUS | | |
| | U | Г-І | | Swar,Saptak,Natya Shastra,Raag Bihaag ,Teentaal | | |
| PT-I | | | | Structure of Tanpura, Ektaal,Margi,Desi,Dhrupad ,khyal ,Raag Bihaag | | |
| MID-TERM (50%) | |)%) | Thaat, Jati, Lay, Swar, Saptak, Dhrupad, khyal, Raag Bihaag, Raag bheempalasi, Teentaal, ektaal, Life sketch of Tansen, Nathyashastra | | | |
| UT-II | | | | Nada,shruti,Raag bhairvi | | |
| | PT | -II | | Raag, Taal, Brief study, Raag Bhairvi, Chartaal, life sketch of VN bhatkhandey | | |
| ANNUA | L EXAM (AS PE | R CBS | SE) | Full syllabus | | |
| | | | | | | |



| LBVM finan den elegelit | | CLA | SS:XI | | SUBJECT:COMPUTER SC. (083) |
|----------------------------|------------|-------------------|--|--|---|
| | | SUE | BJECT T | EACHERS:Mr.MUDIT KUMAR | |
| Month | No of Days | No. of Periods | Weightage of Marks- Chapter/Unit | Units/Subunits/Topics/Chapters to be Covered | MA/SEA/ART INTEGRATION/Activities /Projects/ Practical Experiments to be held/Specific AssessmentTool(s) Suggested PORTFOLIO/NOTEBOOK |
| April 2025 | 22 | 20 | | Getting start with Python, Python Fundamentals | Python Programming • Input a welcome message and display it. • Input two numbers and display the larger / smaller number. • Input three numbers and display the largest / smallest number. |
| | | | | Unit Test-I- (First week of May) | · |
| May 2025 | 26 | 20 | | Data Handeling, Python Modules | |
| 25 | | | | | Determine whether a number is a perfect number, an Armstrong number or a palindrome. • Input a number and check if the number is a prime or composite number. • Display the terms of a Fibonacci series. • Compute the greatest common divisor and least common multiple of two integers. |
| July 2025 | 27 | 20 | | Flow of Control, String Manipulation | /Projects/ Practical Experiments to be held/Specific AssessmentTool(s) Suggested PORTFOLIO/NOTEBOOK Python Programming ● Input a welcome message and display it. ● Input two numbers and display the larger / smaller number. ● Input three numbers and display the largest / smallest number. Determine whether a number is a perfect number, an Armstrong number or a palindrome. ● Input a number and check if the number is a prime or composite number. ● Display the terms of a Fibonacci series. ● Compute the greatest common divisor and |
| | | | | Periodic Test-I - (First Week of August) | |

| August 2025 | 23 | 20 | | List Manipulation | Count and display the number of vowels, consonants, uppercase, lowercase characters in string. Input a string and determine whether it is a palindrome or not; convert the case of characters in a string. | |
|--|--|----|--|--------------------------------------|---|--|
| September 2025 | 24 | 5 | | Revision | | |
| | Mid Term Exam (Second Week of September) | | | | | |
| October 2025 | 19 | 15 | | Tuples | • Input a list/tuple of elements, search for a given element in the list/tuple. | |
| November 2025 | 23 | 20 | | Dictionary | Create a dictionary with the roll number, name and marks of n students in a class and display the names of students who have marks above 75. | |
| Unit Test -II (First Week of November) | | | | | | |
| Decembe r 2025 | 25 | 20 | | Data Representation, boolean Logics | | |
| | Periodic Test -II - (Third week of December) | | | | | |
| January 2026 | 16 | 12 | | Cyber Safety, Society Law and Ethics | | |
| February 2026 | 22 | 14 | | Revision | | |

| Annual Exam - (Second week of February) | | | | |
|---|---|--|--|--|
| Types Of Examination | EXAM WISE SYLLABUS | | | |
| UT-I | Getting start with Python, Python Fundamentals | | | |
| PT-I | Data Handeling, Python Modules, Flow of Control, String Manipulation | | | |
| MID-TERM (50%) | Getting start with Python, Python Fundamentals, Data Handeling, Python Modules, Flow of Control, String Manipulation, List Manipulation | | | |
| UT-II | Tuples, Dictionary (intro) | | | |
| PT-II | Dictionary (complete),Data Representation, boolean Logics | | | |
| ANNUAL EXAM (AS PER CBSE) | 100% | | | |