



GRADE XI

YEARLY SYLLABUS PLANNER 2024-25

APRIL SESSION



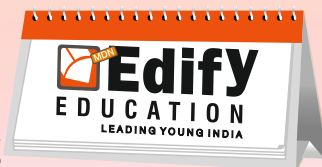
MONTH	MATHEMATICS
APRIL Working Days: 21 Teaching Days: 21	Unit-I: 1. Sets. <p style="text-align: center;">Bridge Course (1st – 3rd April) Month End Assessment (MEA-I) – (24th - 26th) Portion: Unit-I: 1. Sets</p>
JUNE Working Days: 20 Teaching Days: 20	Unit-I: 1. Sets. Unit-I: 2. Relations & Functions. <p style="text-align: center;">Month End Assessment (MEA-II) – (26th - 28th) Portion:</p> Unit-I: 2. Relations & Functions.
JULY Working Days: 25 Teaching Days: 25	Unit-I: 3. Trigonometric Functions Unit-II: 4. Complex Numbers and Quadratic Equations <p style="text-align: center;"><i>Math Activities are to be recorded between the 8th to 12th of July</i> Multiple Assessment Strategies (MAS-I) Subject Enrichment Activity (SEA-I) Revision and Intervention (16th-18th July) Periodic Test - I: (PT-I: 19th – 25th July) Portion: 1. Sets. 2. Relations & Functions. 3. Trigonometric Functions.</p>
AUGUST Working Days: 24 Teaching Days: 23	Unit-II: 5. Linear Inequalities Unit-II: 6. Permutations and Combinations <p style="text-align: center;">Month End Assessment (MEA-III) (29th Aug – 31st Aug) Portion: 4. Complex Numbers and Quadratic Equations. 5. Linear Inequalities.</p>
SEPTEMBER Working Days: 22 Teaching Days: 21	Unit-II: 7. Binomial Theorem <p style="text-align: center;">Revision PT II / TERM 1: (24th Sep – 1st Oct) <i>Math Activities are to be recorded between the 23rd to 28th of September</i></p>



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MONTH	MATHEMATICS
OCTOBER Working Days: 15 Teaching Days: 06	Revision PT II / TERM 1 : (14 – 21st Oct) Periodic Test-II / TERM I : (22nd – 29th Oct) Portion: 1. Sets. 2. Relations & Functions. 3. Trigonometric Functions. 4. Complex Numbers and Quadratic Equations. 5. Linear Inequalities. 6. Permutations and Combinations. 7. Binomial Theorem.
NOVEMBER Working Days: 22 Teaching Days: 21	Unit-II: 8. Sequence and Series Unit-III: 9. Straight Lines Month End Assessment (MEA-IV) (27th-29th) Portion: 8. Sequence and Series. 9. Straight Lines
DECEMBER Working Days: 23 Teaching Days: 23	Unit-III: 10. Conic Sections Unit-III: 11. Introduction to Three-dimensional Geometry <i>Math Activities are to be recorded between the 1st to 6th of December</i> Revision PT III: (11th – 13th) Periodic Test - III: (16th – 21th) Portion: 8. Sequence and Series. 9. Straight Lines. 10. Conic Sections.
JANUARY Working Days: 19 Teaching Days: 19	Unit-IV: 12. Limits and Derivatives Unit-V: 13. Statistics Month End Assessment (MEA-VI) (29th-31st Jan) Portion: 11. Introduction to Three-dimensional Geometry. 12. Limits and Derivatives 13. Statistics



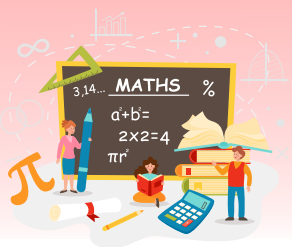
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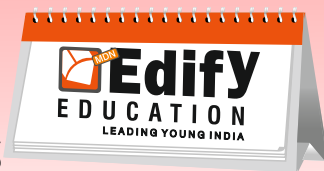
MONTH	MATHEMATICS
FEBRUARY Working Days: 22 Teaching Days: 22	Unit-V: 14. Probability Revision/Interventions Revision and Intervention to be conducted as per the planner uploaded on KB. Month End Assessment (MEA-VII) (24th-27th Feb) Portion 14. Probability
MARCH Working Days: 17 Teaching Days: 11	Revision and Intervention for Final Examinations 3th – 15th March PT IV / TERM 2 / FINAL: 17th – 22th MARCH
Total Working Days	230 Working days include all revision and assessment days, Annual day/ Sports Day (Tentative dates)
Total Teaching Days	212 Teaching days exclude PT-2 revision and assessment days, PT-4 assessment days, Independence Day, Teachers' Day, Children's. Day



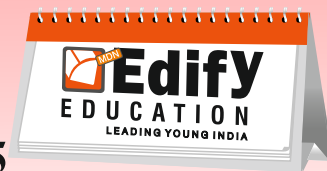
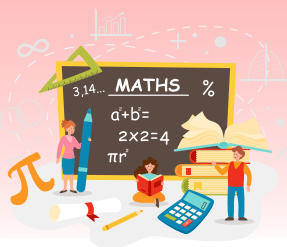
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APRIL SESSION



MONTH	APPLIED MATHEMATICS
APRIL Working Days: 21 Teaching Days: 21	Unit-I: Numbers, Quantification and Numerical Applications
JUNE Working Days: 20 Teaching Days: 20	Unit-II: Algebra
JULY Working Days: 25 Teaching Days: 25	Unit-II: Algebra
AUGUST Working Days: 24 Teaching Days: 23	Unit-III: Mathematical Reasoning Unit-IV: Calculus
SEPTEMBER Working Days: 22 Teaching Days: 21	Unit-V: Probability
OCTOBER Working Days: 15 Teaching Days: 06	Unit-VI: Descriptive Statistics
NOVEMBER Working Days: 22 Teaching Days: 21	Unit-VI: Descriptive Statistics

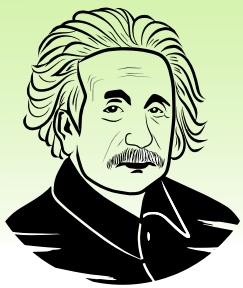


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MONTH	APPLIED MATHEMATICS
DECEMBER Working Days: 23 Teaching Days: 23	Unit-VII: Basics of Financial Mathematics
JANUARY Working Days: 19 Teaching Days: 19	Unit-VII: Basics of Financial Mathematics
FEBRUARY Working Days: 22 Teaching Days: 22	Unit-VIII: Coordinate Geometry
MARCH Working Days: 17 Teaching Days: 11	Revision and Intervention for Final Examinations.
Total Working Days	(230) Working days include all revision and assessment days, Annual day/ Sports Day (Tentative dates)
Total Teaching Days	(212) Teaching days exclude PT-2 revision and assessment days, PT-4 assessment days, Independence Day, Teachers' Day, Children's. Day



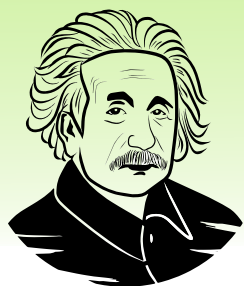
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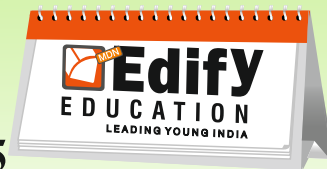
MONTH	PHYSICS
APRIL Working Days: 21 Teaching Days: 21	Unit I: Chapter 2: Units and Measurements <u>Activities:</u> 1. To make a paper scale of given least count, e.g., 0.2cm, 0.5 cm. Bridge Course (1st – 3rd April) Month End Assessment (MEA-I): (24th Apr-26th Apr) Portion: Chapter 2: Units and Measurements
JUNE Working Days: 20 Teaching Days: 20	Unit I: Chapter 2: Units and Measurements. Unit II: Chapter 3: Motion in a Straight Line. Unit II: Chapter 4: Motion in a Plane. <u>Experiments:</u> Section A.1. To determine the mass of two different objects using a beam balance. Section A.2. To find the weight of a given body using parallelogram law of vectors. Month End Assessment (MEA-II): (26th Jun- 28th Jun) Portion: Chapter 3: Motion in a Straight Line. Chapter 4: Motion in a Plane.
JULY Working Days: 25 Teaching Days: 25	Unit III: Chapter 5: Laws of Motion Unit IV: Chapter 6: Work, Energy and Power <u>Experiments:</u> Section A.3. Using a simple pendulum, plot its L-T ² graph and use it to find the effective length of second's pendulum. Periodic Test - I: (PT-I: 19th – 25th July) Portion: Chapter 2: Units and Measurements Chapter 3: Motion in a Straight Line. Chapter 4: Motion in a Plane. Chapter 5: Laws of Motion
AUGUST Working Days: 24 Teaching Days: 23	Unit V: Chapter 7: System of Particles and Rotational Motion. Unit VI: Chapter 8: Gravitation. <u>Experiments:</u> Section A. 4. To study variation of time period of a simple pendulum of a given length by taking bobs of same size but different masses and interpret the result <u>Activities:</u> 2. To study the variation in range of a projectile with angle of projection Month End Assessment (MEA-III) (29th Aug – 31st Aug) Portion: Chapter 6: Work, Energy and Power. Chapter 7: System of Particles and Rotational Motion.



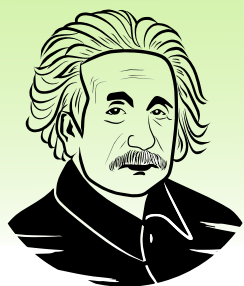
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APRIL SESSION



MONTH	PHYSICS
SEPTEMBER Working Days: 22 Teaching Days: 21	Unit VII: Chapter 9: Mechanical Properties of Solids. Experiments: Section A.5. To find the downward force, along an inclined plane, acting on a roller due to gravitational pull of the earth and study its relationship with the angle of inclination θ by plotting graph between force and $\sin\theta$. Revision PT II / TERM 1: (24th Sep – 1st Oct) <i>Activities are to be recorded between the 23rd to 28th of September</i>
OCTOBER Working Days: 15 Teaching Days: 06	Revision PT II / TERM 1 PT II / TERM I : (22nd – 29th Oct) Portion: Chapter 2: Units and Measurements Chapter 3: Motion in a Straight Line. Chapter 4: Motion in a Plane. Chapter 5: Laws of Motion Chapter 6: Work, Energy and Power. Chapter 7: System of Particles and Rotational Motion. Chapter 8: Gravitation. Chapter 9: Mechanical Properties of Solids.
NOVEMBER Working Days: 22 Teaching Days: 21	Unit VII: Chapter 10: Mechanical Properties of Fluids. Unit VII: Chapter 11: Thermal Properties of Matter. Experiments: Section B. 1. To determine Young's modulus of elasticity of the material of a given wire Activities: 3. To observe change of state and plot a cooling curve for molten wax 4. To observe and explain the effect of heating on a bi-metallic strip. Month End Assessment (MEA-IV) (27th-29th) Portion: Unit VII: Chapter 10: Mechanical Properties of Fluids.
DECEMBER Working Days: 23 Teaching Days: 23	Unit VIII: Chapter 12: Thermodynamics. Unit IX: Chapter 13: Kinetic Theory Experiments: Section B. 2. To find the force constant of a helical spring by plotting a graph between load and extension. Section B. 3. To determine the surface tension of water by capillary rise method. Activities: 5. To note the change in level of liquid in a container on heating and interpret the observations.



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MONTH	PHYSICS
	<p style="text-align: center;">Revision PT III: (11 – 13) Periodic Test - III: (PT-III: 16th – 21st Dec) Portion: Chapter 10: Mechanical Properties of Fluids. Chapter 11: Thermal Properties of Matter.</p>
<p style="text-align: center;">JANUARY</p> <p>Working Days: 19 Teaching Days: 19</p>	<p>Unit IX: Chapter 13: Kinetic Theory Unit X: Chapter 14: Oscillations. Unit X: Chapter 15: Waves Experiments: Section B. 4. To study the relationship between the temperature of a hot body and time by plotting a cooling curve. Section B. 5. To determine specific heat capacity of a given solid by method of mixtures.</p> <p style="text-align: center;">Month End Assessment (MEA-V) (29th-31st Jan) Portion: Chapter 13: Kinetic Theory Chapter 14: Oscillations</p>
<p style="text-align: center;">FEBRUARY</p> <p>Working Days: 22 Teaching Days: 22</p>	<p>Unit X: Chapter 15: Waves Practical Exam. Revision and Intervention to be conducted as per the planner uploaded on KB. Month End Assessment (MEA-VII) (24th-27th Feb) Portion Chapter 15: Waves.</p>
<p style="text-align: center;">MARCH</p> <p>Working Days: 17 Teaching Days: 11</p>	<p>Revision and Intervention for Final Examinations 3rd – 15th March PT IV / TERM 2 / FINAL: 17th – 22nd MARCH</p>
<p style="text-align: center;">Total Working Days</p>	<p style="text-align: center;">230</p> <p>Working days include all revision and assessment days, Annual day/ Sports Day (Tentative dates)</p>
<p style="text-align: center;">Total Teaching Days</p>	<p style="text-align: center;">212</p> <p>Teaching days exclude PT-2 assessment days, PT-4 assessment days, Independence Day, Teachers' Day, Children's. Day</p>



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YEARLY SYLLABUS PLANNER 2024-25

APRIL/JUNE SESSION

MONTH	BIOLOGY
APRIL Working Days: 21 Teaching Days: 21	UNIT I Diversity In The Living World Chapter 1: The Living World Chapter 2: Biological Classification Practical work: 1. Study and describe locally available common flowering plants, from family Solanaceae (Poaceae, Asteraceae or Brassicaceae can be substituted in case of particular geographical location) including dissection and display of floral whorls, anther and ovary to show number of chambers (floral formulae and floral diagrams), type of root (tap and adventitious); type of stem (herbaceous and woody); leaf (arrangement, shape, venation, simple and compound). Month End Assessment (MEA-I): (24th April -26th April) <i>portion</i> <i>Chapter 1: The Living World</i> <i>Chapter 2: Biological Classification</i>
JUNE Working Days: 20 Teaching Days: 20	Chapter 3: Plant Kingdom Chapter 4: Animal Kingdom Unit II Structural Organisation In Plants and Animals Chapter 5: Morphology of Flowering Plants Practical work: 2. Preparation and study of T.S. of dicot and monocot roots and stems (primary). 3. Study of osmosis by potato osmometer. 4. Study of plasmolysis in epidermal peels (e.g. Rhoeo/lily leaves or flashy scale leaves of onion bulb). Month End Assessment (MEA-II): (26th Jun- 28th Jun) <i>portion</i> <i>Chapter 3: Plant Kingdom</i> <i>Chapter 4: Animal Kingdom</i> <i>Chapter 5: Morphology of Flowering Plants</i>
JULY Working Days: 25 Teaching Days: 25	Chapter 6: Anatomy of Flowering Plants Chapter 7: Structural Organisation in Animals Practical work: 5. Study of distribution of stomata on the upper and lower surfaces of leaves Multiple Assessment Strategies (MAS-I) Subject Enrichment Activity (SEA-I) Revision and Intervention (16th -18th July) Periodic Test - I: (PT-I: 19th – 25th July) PT-1 Portion <i>Unit I Diversity In The Living World</i> <i>Chapter 1: The Living World</i> <i>Chapter 2: Biological Classification</i> <i>Chapter 3: Plant Kingdom</i> <i>Chapter 4: Animal Kingdom</i> Unit II Structural Organisation In Plants and Animals Multiple assesment strategy (MAS) and Subject Enrichment Activity (SEA) are to be conducted between the 8th to 12th of July



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APRIL/JUNE SESSION



MONTH	BIOLOGY
	<p><i>Chapter 5: Morphology of Flowering Plants</i> <i>Chapter 6: Anatomy of Flowering Plants</i> <i>Chapter 7: Structural Organisation in Animals</i></p>
<p>AUGUST</p> <p>Working Days: 24 Teaching Days: 23</p>	<p>Unit III Cell: Structure and Functions Chapter 8: Cell: The Unit of Life Chapter 9: Biomolecules Practical work: 6. Comparative study of the rates of transpiration in the upper and lower surfaces of leaves. 7. Test for the presence of sugar, starch, proteins and fats in suitable plant and animal materials</p> <p>Month End Assessment (MEA-III) (29th Aug – 31st Aug) Portion <i>Chapter 6: Anatomy of Flowering Plants</i> <i>Chapter 7: Structural Organisation in Animals</i> <i>Chapter 8: Cell: The Unit of Life</i> <i>Chapter 9: Biomolecules</i></p>
<p>SEPTEMBER</p> <p>Working Days: 22 Teaching Days: 21</p>	<p>Chapter 10: Cell Cycle and Cell Division Practical work: 8. Separation of plant pigments through paper chromatography. 9. Study of the rate of respiration in flower buds/leaf tissue and germinating seeds.</p> <p>Multiple Assessment Strategies (MAS-II) Subject Enrichment Activity (SEA-II) Revision and Intervention PT II / TERM 1: (24th Sep – 1st Oct) <i>Multiple assesment strategy (MAS) and Subject Enrichment Activity are to be conducted between the 23rd to 28th of September</i></p>
<p>OCTOBER</p> <p>Working Days: 15 Teaching Days: 06</p>	<p>Practical work: 10. Test for presence of urea in urine. 11. Test for presence of sugar in urine. 12. Test for presence of albumin in urine. 13. Test for presence of bile salts in urine</p> <p>PT-2 Revision & Intervention (14 – 21st Oct) Periodic Test - PT II / TERM I : (22nd – 29th Oct) Portion <i>Unit I Diversity In The Living World</i> <i>Chapter 1: The Living World</i> <i>Chapter 2: Biological Classification</i> <i>Chapter 3: Plant Kingdom</i> <i>Chapter 4: Animal Kingdom</i> <i>Unit II Structural Organisation In Plants And Animals</i></p>



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APRIL/JUNE SESSION

MONTH	BIOLOGY
	<p>Chapter 5: Morphology of Flowering Plants Chapter 6: Anatomy of Flowering Plants Chapter 7: Structural Organisation in Animals Unit III Cell: Structure and Functions Chapter 8: Cell: The Unit of Life Chapter 9: Biomolecules Chapter 10: Cell Cycle and Cell Division Unit-IV Plant Physiology Chapter 11: Photosynthesis in Higher Plants</p> <p>Practical Assessment Term-1(31st of Oct) Portion</p> <p>A: List of Experiments</p> <ol style="list-style-type: none"> 1. Study and describe locally available common flowering plants, from family Solanaceae (Poaceae, Asteraceae or Brassicaceae can be substituted in case of particular geographical location) including dissection and display of floral whorls, anther and ovary to show number of chambers (floral formulae and floral diagrams), type of root (tap and adventitious); type of stem (herbaceous and woody); leaf (arrangement, shape, venation, simple and compound). 2. Preparation and study of T.S. of dicot and monocot roots and stems (primary). 3. Study of osmosis by potato osmometer. 4. Study of plasmolysis in epidermal peels (e.g. Rhoeo/lily leaves or flashy scale leaves of onion bulb). 5. Study of distribution of stomata on the upper and lower surfaces of leaves. 6. Comparative study of the rates of transpiration in the upper and lower surfaces of leaves. 7. Test for the presence of sugar, starch, proteins and fats in suitable plant and animal materials. 8. Separation of plant pigments through paper chromatography.
NOVEMBER Working Days: 22 Teaching Days: 21	<p>Unit-IV Plant Physiology Chapter-13: Photosynthesis in Higher Plants Chapter 14: Respiration in Plants Practical work: B. Study and Observe the following (spotting):</p> <ol style="list-style-type: none"> 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 monocotyledonous plant, one dicotyledonous plant and one lichen. <p>Month End Assessment (MEA-II) (27th Nov -29th Nov) Portion</p> <p>Chapter 10: Cell Cycle and Cell Division Unit-IV Plant Physiology</p>

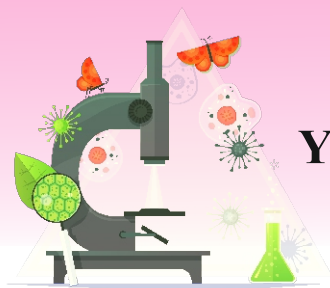


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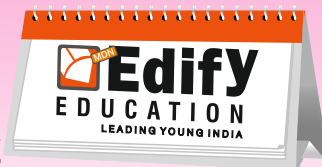
MONTH	BIOLOGY
	<p><i>Chapter 11: Photosynthesis in Higher Plants</i> <i>Chapter 12: Respiration in Plants</i> <i>Chapter 13: Plant Growth and Development</i></p>
<p>DECEMBER</p> <p>Working Days: 23 Teaching Days: 23</p>	<p>Chapter 15: Growth and Development UNIT V HUMAN PHYSIOLOGY Chapter-17: Breathing and Exchange of Gases Practical work: 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. Mitosis in onion root tip cells and animals' cells (grasshopper) from permanent slides. Multiple Assessment Strategies (MAS-III) Subject Enrichment Activity (SEA-II) Revision and Intervention (11th-13th Dec) Periodic Test - III: (PT-III: 16th – 21st Dec) Portion <i>Chapter 12: Respiration in Plants</i> <i>Chapter 13: Plant Growth and Development</i> <i>Chapter 14: Breathing and Exchange of Gases</i> Multiple assesment strategy (MAS) and Subject Enrichment Activity are to be conducted between the 1st to 6th of December</p>
<p>JANUARY</p> <p>Working Days: 19 Teaching Days: 19</p>	<p>Chapter 18: Body Fluids and Circulation Chapter 19: Excretory Products and their Elimination Chapter 20: Locomotion and Movement Practical work: Mitosis in onion root tip cells and animals' cells (grasshopper) from permanent slides. 5. Different types of inflorescence (cymose and racemose). 6. Human skeleton and different types of joints with the help of virtual images/models only. Month End Assessment (MEA-V) (29th-31st Jan) Portion <i>Chapter 15: Body Fluids and Circulation</i> <i>Chapter 16: Excretory Products and their Elimination</i> <i>Chapter 17: Locomotion and Movement</i> <i>Chapter 18: Neural Control and Coordination</i></p>
<p>FEBRUARY</p> <p>Working Days: 22 Teaching Days: 22</p>	<p>Chapter-21: Neural Control and Coordination Chapter-22: Chemical Coordination and Integration Practical Exams Term -2 Practical Portion A: List of Experiments 1. Study and describe locally available common flowering plants, from family Solanaceae (Poaceae, Asteraceae or Brassicaceae can be substituted in case of</p>



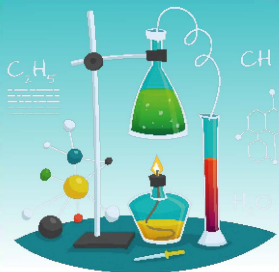
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APRIL/JUNE SESSION



MONTH	BIOLOGY
	<p>particular geographical location) including dissection and display of floral whorls, anther and ovary to show number of chambers (floral formulae and floral diagrams), type of root (tap and adventitious); type of stem (herbaceous and woody); leaf (arrangement, shape, venation, simple and compound).</p> <p>2. Preparation and study of T.S. of dicot and monocot roots and stems (primary).</p> <p>3. Study of osmosis by potato osmometer.</p> <p>4. Study of plasmolysis in epidermal peels (e.g. Rhoen/lily leaves or fleshy scale leaves of onion bulb).</p> <p>5. Study of distribution of stomata on the upper and lower surfaces of leaves.</p> <p>6. Comparative study of the rates of transpiration in the upper and lower surfaces of leaves.</p> <p>7. Test for the presence of sugar, starch, proteins and fats in suitable plant and animal materials.</p> <p>8. Separation of plant pigments through paper chromatography</p> <p>B. Study and Observe the following (spotting):</p> <p>1. Parts of a compound microscope.</p> <p>2. Specimens/slides/models and identification with reasons - Bacteria, Oscillatoria, Spirogyra, Rhizopus, mushroom, yeast, liverwort, moss, fern, pine, one monocotyledonous plant, one dicotyledonous plant and one lichen.</p> <p>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.</p> <p>4. Mitosis in onion root tip cells and animals' cells (grasshopper) from permanent slides.</p> <p>5. Different types of inflorescence (cymose and racemose).</p> <p>6. Human skeleton and different types of joints with the help of virtual images/models only.</p> <p style="text-align: center;">Multiple Assessment Strategies (MAS-IV) Subject Enrichment Activity (SEA-II) Month End Assessment (MEA-VI) (24th-27th Feb) Portion Chapter 19: Chemical Coordination and Integration <i>Multiple assessment strategy (MAS) and Subject Enrichment Activity are to be conducted between the 17th to 22th of February</i></p>
MARCH Working Days: 17 Teaching Days: 11	<p style="text-align: center;">Revision and Intervention (3rd March – 15th March) Periodic Test - IV (17th March-22nd March) Portion Complete portion as given by CBSE Board</p>
Total Working Days	234
Total Teaching Days	212

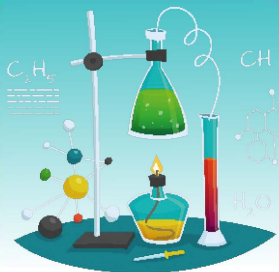


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APRIL/JUNE SESSION

MONTH	CHEMISTRY
APRIL Working Days: 21 Teaching Days: 21	Unit 1 Some Basic Concepts of Chemistry Practical work A. Basic Laboratory Techniques 1. Cutting glass tube and glass rod 2. Bending a glass tube 3. Drawing out a glass jet 4. Boring a cork Month End Assessment (MEA-I): (24th Apr - 26th Apr) Portion Unit 1 Some Basic Concepts of Chemistry
JUNE Working Days: 20 Teaching Days: 20	Unit 2 Structure of Atom Practical work B. Characterisation and Purification of Chemical Substances 1. Determination of melting point of an organic compound. 2. Determination of boiling point of an organic compound. 3. Crystallization of impure sample of any one of the following: Alum, Copper Sulphate, Benzoic Acid. Month End Assessment (MEA-II): (26th Jun- 28th Jun) portion Unit 2 Structure of Atom
JULY Working Days: 25 Teaching Days: 25	Unit 3 Classification of Elements and Periodicity in Properties Practical work C. Experiments based on pH Any one of the following experiments: a. Determination of pH of some solutions obtained from fruit juices, solution of known and varied concentrations of acids, bases and salts using pH paper or universal indicator. Comparing the pH of solutions of strong and weak acids of same concentration. Study the pH change in the titration of a strong base using universal indicator. b. Study the pH change by common-ion in case of weak acids and weak bases. Multiple Assessment Strategies (MAS-I) Subject Enrichment Activity (SEA-I) Revision and Intervention (16th - 18th July) Periodic Test - I: (PT-I: 19th - 25th July) PT-1 Portion Unit 1 Some Basic Concepts of Chemistry Unit 2 Structure of Atom Multiple assesment strategy (MAS) and Subject Enrichment Activity (SEA) are to be conducted between the 8th to 12th of July
AUGUST Working Days: 24 Teaching Days: 23	Unit 4 Chemical Bonding and Molecular Structure Practical work D. Chemical Equilibrium One of the following experiments: a) Study the shift in equilibrium between ferric ions and thiocyanate ions by increasing/decreasing the concentration of either of the ions.



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MONTH	CHEMISTRY
	b) Study the shift in equilibrium between $[\text{Co}(\text{H}_2\text{O})_6]^{2+}$ and chloride ions by changing the concentration of either of the ions. Month End Assessment (MEA-III) (29th Aug – 31st Aug) Portion: <i>Unit 3 Classification of Elements and Periodicity in Properties</i> <i>Unit 4 Chemical Bonding and Molecular Structure</i>
SEPTEMBER Working Days: 22 Teaching Days: 21	Unit-6 Chemical Thermodynamics Practical work E. Quantitative Estimation <ol style="list-style-type: none"> Using a mechanical balance/electronic balance. Preparation of standard solution of Oxalic acid. Determination of strength of a given solution of Sodium hydroxide by titrating it against standard solution of Oxalic acid. Preparation of standard solution of Sodium carbonate. Determination of strength of a given solution of hydrochloric acid by titrating it against standard Sodium Carbonate solution. Multiple Assessment Strategies (MAS-II) Subject Enrichment Activity (SEA-II) Revision and Intervention PT II / TERM 1 (24th Sep – 1st Oct Sept) <i>Multiple assesment strategy (MAS) and Subject Enrichment Activity are to be conducted between the 23rd to 28th of September</i>
OCTOBER Working Days: 15 Teaching Days: 06	PT-2 Revision& Intervention (14 – 21st Oct) Periodic Test - PT II / TERM I : (22nd – 29th Oct) Portion <i>Unit 1 Some Basic Concepts of Chemistry</i> <i>Unit 2 Structure of Atom</i> <i>Unit 3 Classification of Elements and Periodicity in Properties</i> <i>Unit 4 Chemical Bonding and Molecular Structure</i> <i>Unit 5 Thermodynamics</i> Practical Assessment Term-1(30th of Oct) Portion List of Experiments A. Basic Laboratory Techniques <ol style="list-style-type: none"> Cutting glass tube and glass rod Bending a glass tube Drawing out a glass jet Boring a cork B. Characterisation and Purification of Chemical Substances <ol style="list-style-type: none"> Determination of melting point of an organic compound. Determination of boiling point of an organic compound. Crystallization of impure sample of any one of the following: Alum, Copper Sulphate, Benzoic Acid.

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YEARLY SYLLABUS PLANNER 2024-25

APRIL/JUNE SESSION

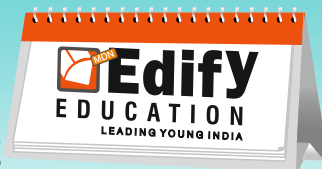


MONTH	CHEMISTRY
	<p>C. Experiments based on pH Any one of the following experiments:</p> <p>a. Determination of pH of some solutions obtained from fruit juices, solution of known and varied concentrations of acids, bases and salts using pH paper or universal indicator.</p> <p>Comparing the pH of solutions of strong and weak acids of same concentration. Study the pH change in the titration of a strong base using universal indicator.</p> <p>b. Study the pH change by common-ion in case of weak acids and weak bases.</p> <p>D. Chemical Equilibrium One of the following experiments:</p> <p>a) Study the shift in equilibrium between ferric ions and thiocyanate ions by increasing/decreasing the concentration of either of the ions.</p> <p>b) Study the shift in equilibrium between $[\text{Co}(\text{H}_2\text{O})_6]^{2+}$ and chloride ions by changing the concentration of either of the ions.</p> <p>E. Quantitative Estimation</p> <p>i. Using a mechanical balance/electronic balance.</p> <p>ii. Preparation of standard solution of Oxalic acid.</p> <p>iii. Determination of strength of a given solution of Sodium hydroxide by titrating it against standard solution of Oxalic acid.</p> <p>iv. Preparation of standard solution of Sodium carbonate.</p> <p>v. Determination of strength of a given solution of hydrochloric acid by titrating it against standard Sodium Carbonate solution.</p>
<p>NOVEMBER</p> <p>Working Days: 22 Teaching Days: 21</p>	<p>Unit 7 Redox Reactions</p> <p>Practical work</p> <p>Qualitative Analysis</p> <p>a) Determination of one anion and one cation in a given salt Cations- Pb^{2+}, Cu^{2+}, As^{3+}, Al^{3+}, Fe^{3+}, Mn^{2+}, Ni^{2+}, Zn^{2+}, Co^{2+}, Ca^{2+}, Sr^{2+}, Ba^{2+}, Mg^{2+}, NH_4^+ Anions – CO_3^{2-}, S^{2-}, NO_2^-, SO_3^{2-}, SO_4^{2-}, NO_3^-, Cl^-, Br^-, I^-, PO_4^{3-}, CH_3COO^- (Note: Insoluble salts excluded)</p> <p>b) Detection of -Nitrogen, Sulphur, Chlorine in organic compounds.</p> <p>c) PROJECTS</p> <p>Scientific investigations involving laboratory testing and collecting information from other sources.</p> <p>A few suggested Projects</p> <p>Checking the bacterial contamination in drinking water by testing sulphide ion</p> <p>Study of the methods of purification of water</p> <p>Month End Assessment (MEA-IV) (27th Nov– 29th Nov)</p> <p>Portion:</p> <p>Unit 5 Chemical Thermodynamics</p> <p>Unit 7 Equilibrium</p> <p>Unit 7 Equilibrium</p>

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MONTH	CHEMISTRY
DECEMBER Working Days: 23 Teaching Days: 23	Unit 12 Organic Chemistry – Some Basic Principles and Techniques c) PROJECTS Scientific investigations involving laboratory testing and collecting information from other sources. A few suggested Projects Checking the bacterial contamination in drinking water by testing sulphide ion Multiple Assessment Strategies (MAS-III) Subject Enrichment Activity (SEA-III) Revision and Intervention (11th-13th Dec) Periodic Test - III: (PT-III: 16th – 21st Dec) Portion Unit 6 Chemical Equilibrium Unit 8 Redox Reactions Study of the methods of purification of water <i>Multiple assesment strategy (MAS) and Subject Enrichment Activity are to be conducted between the 1st to 6th of December</i>
JANUARY Working Days: 19 Teaching Days: 19	Unit 13 Hydrocarbons Month End Assessment (MEA-V) (29th-31st Jan) Portion: Unit 12 Organic Chemistry – Some Basic Principles and Techniques
FEBRUARY Working Days: 22 Teaching Days: 22	Unit 13 Hydrocarbons Multiple Assessment Strategies (MAS-IV) Subject Enrichment Activity (SEA-II) Month End Assessment (MEA-VI) (24th-27th Feb) Portion Unit 13 Hydrocarbons Practical Exam Portion <i>Micro-chemical methods are available for several of the practical experiments. Wherever possible, such techniques should be used.</i> A. Surface Chemistry (a) Preparation of one lyophilic and one lyophobic sol Lyophilic sol - starch, egg albumin and gum Lyophobic sol - aluminium hydroxide, ferric hydroxide, arsenous sulphide. (b) Dialysis of sol-prepared in (a) above. (c) Study of the role of emulsifying agents in stabilizing the emulsion of different oils. B. Chemical Kinetics (a) Effect of concentration and temperature on the rate of reaction between Sodium Thiosulphate and Hydrochloric acid. (b) Study of reaction rates of any one of the following: (i) Reaction of Iodide ion with Hydrogen Peroxide at room temperature using different concentration of Iodide ions. (ii) Reaction between Potassium Iodate, (KIO ₃) and Sodium Sulphite:

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APRIL/JUNE SESSION

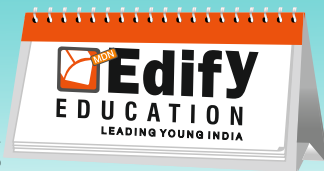


MONTH	CHEMISTRY
	<p>(Na_2SO_3) using starch solution as indicator (clock reaction).</p> <p>C. Thermochemistry Any one of the following experiments</p> <p>i) Enthalpy of dissolution of Copper Sulphate or Potassium Nitrate.</p> <p>ii) Enthalpy of neutralization of strong acid (HCl) and strong base (NaOH).</p> <p>iii) Determination of enthalpy change during interaction (Hydrogen bond formation) between Acetone and Chloroform.</p> <p>D. Electrochemistry</p> <p>Variation of cell potential in $\text{Zn}/\text{Zn}^{2+} \text{Cu}^{2+}/\text{Cu}$ with change in concentration of electrolytes (CuSO_4 or ZnSO_4) at room temperature.</p> <p>E. Chromatography</p> <p>i) Separation of pigments from extracts of leaves and flowers by paper chromatography and determination of R_f values.</p> <p>ii) Separation of constituents present in an inorganic mixture containing two cations only (constituents having large difference in R_f values to be provided).</p> <p>F. Preparation of Inorganic Compounds Preparation of double salt of Ferrous Ammonium Sulphate or Potash Alum. Preparation of Potassium Ferric Oxalate.</p> <p>G. Preparation of Organic Compounds Preparation of any one of the following compounds</p> <p>i) Acetanilide ii) Di-benzalacetone iii) p-Nitroacetanilide iv) Aniline yellow or 2-Naphthol Anilinedye.</p> <p>H. Tests for the functional groups present in organic compounds: Unsaturation, alcoholic, phenolic, aldehydic, ketonic, carboxylic and amino (Primary) groups.</p> <p>I. Characteristic tests of carbohydrates, fats and proteins in pure samples and their detection in given foodstuffs.</p> <p>J. Determination of concentration/ molarity of KMnO_4 solution by titrating it against a standard solution of:</p> <p>i) Oxalic acid,</p> <p>ii) Ferrous Ammonium Sulphate (Students will be required to prepare standard solutions by weighing themselves).</p> <p>Qualitative analysis</p> <p>Determination of one cation and one anion in a given salt. Cation : Pb^{2+}, Cu^{2+}, As^{3+}, Al^{3+}, Fe^{3+}, Mn^{2+}, Zn^{2+}, Cu^{2+}, Ni^{2+}, Ca^{2+}, Sr^{2+}, Ba^{2+}, Mg^{2+}, NH_4^+</p> <p>Anions: $(\text{CO}_3)^{2-}$, S^{2-}, $(\text{SO}_3)^{2-}$, $(\text{NO}_2)^-$, $(\text{SO}_4)^{2-}$, Cl^-, Br^-, I^-, PO_3^{3-}, $(\text{C}_2\text{O}_4)^{2-}$, CH_3COO^-, NO_3^- (Note: Insoluble salts excluded)</p> <p>PROJECT</p> <p>PROJECT Scientific investigations involving laboratory testing and collecting information from other sources A few suggested Projects.</p> <p>Study of the presence of oxalate ions in guava fruit at different stages of ripening.</p> <p>Study of quantity of casein present in different samples of milk.</p> <p>Preparation of soybean milk and its comparison with the natural milk with respect to curd formation, effect of temperature, etc.</p> <p>Study of the effect of Potassium Bisulphate as food preservative under various conditions (temperature, concentration, time, etc.)</p>

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MONTH	CHEMISTRY
	<p><i>Study of digestion of starch by salivary amylase and effect of pH and temperature on it.</i></p> <p><i>Comparative study of the rate of fermentation of following materials: wheat flour, gram flour, potato juice, carrot juice, etc.</i></p> <p><i>Extraction of essential oils present in Saunf (aniseed), Ajwain (carum), Illaichi (cardamom).</i></p> <p><i>Study of common food adulterants in fat, oil, butter, sugar, turmeric power, chilli powder and pepper. Note: Any other investi</i></p> <p><i>Multiple assesment strategy (MAS) and Subject Enrichment Activity are to be conducted between the 17st to 22th of February</i></p>
MARCH Working Days: 17 Teaching Days: 11	<p><i>Revision and Intervention (3rd March – 15th March)</i></p> <p><i>Periodic Test (PT - IV / Term-II 17th March-22nd March)</i></p> <p><i>Portion</i></p> <p><i>Complete portion as given by CBSE Board</i></p>
Total Working Days	234
Total Teaching Days	212



GRADE XI

YEARLY SYLLABUS PLANNER 2024-25

APRIL SESSION



MONTH	ENGLISH
APRIL Working Days: 21 Teaching Days: 21	Hornbill: Prose Chapter 1: The Portrait of a Lady Writing Skills: Formal Letters Bridge Course (1st – 3rd April) Month End Assessment (MEA-I): (24th Apr-26th Apr) Hornbill: Prose Chapter 1: The Portrait of a Lady Writing Skills: Formal Letters
JUNE Working Days: 20 Teaching Days: 20	Hornbill: Prose Chapter 1: The Portrait of a Lady (Contd) A Photograph (Poem) Snapshots: Supplementary Reader Chapter 1: The Summer of the Beautiful White Horse (Prose) Writing Skills: Poster, Advertisement Month End Assessment (MEA-II): (26th Jun- 28th Jun) Hornbill: Prose Chapter 1: The Portrait of a Lady (Contd) A Photograph (Poem) Snapshots: Supplementary Reader Chapter 1: The Summer of the Beautiful White Horse (Prose) Writing Skills: Poster, Advertisement
JULY Working Days: 25 Teaching Days: 25	Hornbill: Prose Chapter 2: “We’re Not Afraid to Die... if We Can Be Together The Laburnum Top (Poem) Snapshots: Supplementary Reader Chapter 2: The Address (Prose) Writing Skills: Debate, Notice Writing Multiple Assessment Strategies (MAS-I) Subject Enrichment Activity (SEA-I) Revision and Intervention (16th-18th July) Periodic Test - I: (PT-I: 19th – 25th July) Hornbill: Prose Chapter 1: The Portrait of a Lady (Contd) A Photograph (Poem) Chapter 2: “We’re Not Afraid to Die... if We Can Be Together The Laburnum Top (Poem) Snapshots: Supplementary Reader Chapter 1: The Summer of the Beautiful White Horse (Prose) Writing Skills: Poster, Advertisement

GRADE XI

YEARLY SYLLABUS PLANNER 2024-25

APRIL SESSION

MONTH	ENGLISH
AUGUST Working Days: 24 Teaching Days: 23	Hornbill: Prose Chapter 3: Discovering Tut: The Saga Continues The Voice of the Rain (Poem) Snapshots: Supplementary Reader Chapter 3: Mother's Day (Play) Writing Skills: Speech, Article Month End Assessment (MEA-III) (29th Aug – 31st Aug) Hornbill: Prose Chapter 2: "We're Not Afraid to Die... if We Can Be Together" The Laburnum Top (Poem) Snapshots: Supplementary Reader Chapter 2: The Address (Prose) Writing Skills: Debate, Notice Writing
SEPTEMBER Working Days: 22 Teaching Days: 21	Hornbill: Prose Chapter 4: The Ailing Planet Chapter 5: The Adventure Childhood (Poem) Snapshots: Supplementary Reader Chapter 4 - The Ghat of the Only World Grammar: Sentence Writing Skills: Report, Formal Letters
OCTOBER Working Days: 15 Teaching Days: 06	Multiple Assessment Strategies (MAS-II) Subject Enrichment Activity (SEA-II) Revision and Intervention (1st – 21st Oct) Periodic Test-II (PT-II / TERM-I) : (22nd – 29th Oct) Hornbill: Prose Chapter 1: The Portrait of a Lady (Contd) A Photograph (Poem) Chapter 2: "We're Not Afraid to Die... if We Can Be Together" The Laburnum Top (Poem) Chapter 3: Discovering Tut: The Saga Continues The Voice of the Rain (Poem) Snapshots: Supplementary Reader

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APRIL SESSION

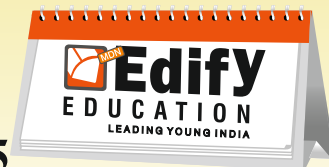
MONTH	ENGLISH
	Chapter 1: The Summer of the Beautiful White Horse (Prose) Chapter 2: The Address (Prose) Chapter 3: Mother's Day (Play) Writing Skills: Poster, Advertisement, Debate, Notice Writing, Speech, Article, Report, Formal Letters Grammar: Integrated
NOVEMBER Working Days: 22 Teaching Days: 22	Snapshots: Supplementary Reader Chapter 5: Birth (Prose) Transformation, Reordering, and gap-filling Hornbill: Prose Chapter 6: Silk Road (Prose) Father to Son (Poem) Writing Skills: Continuous Revision Grammar: Sentence Transformation, Reordering and Gap Filling Month End Assessment (MEA-IV) (27th Nov– 29th Nov) Hornbill: Prose Chapter 6: Silk Road (Prose) Snapshots: Supplementary Reader Chapter 5: Birth (Prose) Writing Skills: Integrated Grammar: Integrated
DECEMBER Working Days: 22 Teaching Days: 22	Snapshots: Supplementary Reader Chapter 6: The Tale of Melon City Writing Skills: Integrated Grammar: Integrated Multiple Assessment Strategies (MAS-III) Subject Enrichment Activity (SEA-III) Revision and Intervention (11th-13th Dec) Periodic Test - III: (PT-III: 16th – 21st Dec) Hornbill: Prose Chapter 4: The Ailing Planet Chapter 5: The Adventure Childhood (Poem) Chapter 6: Silk Road (Prose) Father to Son (Poem) Snapshots: Supplementary Reader Chapter 4 - The Ghat of the Only World Chapter 5: Birth (Prose) Grammar: Integrated Writing Skills: Integrated



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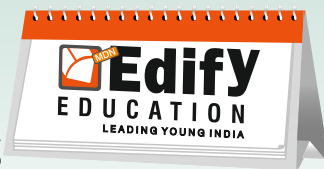
MONTH	ENGLISH
JANUARY Working Days: 19 Teaching Days: 19	Hornbill: Prose – Overall Revision Snapshots: Supplementary Reader: Overall Revision Writing Skills: Overall Revision Grammar: Overall Revision Month End Assessment (MEA-V) (29th-31st Jan) Hornbill: Prose Chapter 6: Silk Road (Prose) Writing Skills: Integrated Grammar: Integrated
FEBRUARY Working Days: 22 Teaching Days: 22	Revision/Interventions Month End Assessment (MEA-VI) (24th-27th Feb) Hornbill: Prose Father to Son (Poem) Snapshots: Supplementary Reader Chapter 6: The Tale of Melon City Writing Skills: Integrated Grammar: Integrated
MARCH Working Days: 22 Teaching Days: 11	Multiple Assessment Strategies (MAS-IV) Subject Enrichment Activity (SEA-IV) Revision and Intervention (3rd – 15th March) PT IV / TERM 2 / FINAL: 17 – 22 MARCH Portion - Full
Total Working Days	(234)
Total Teaching Days	(212)



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APRIL/JUNE SESSION



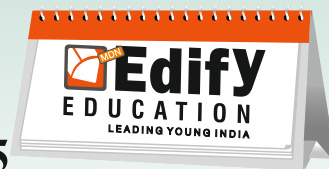
MONTH	BUSINESS STUDIES
APRIL Working Days: 21 Teaching Days: 20	<p style="text-align: center;">PART - I Foundations of Business Chapter 1. Nature and purpose of Business <i>Month End Assessment (MEA-I) (24th April -26th April)</i> portion Chapter 1. Nature and purpose of Business</p>
JUNE Working Days: 20 Teaching Days: 20	<p style="text-align: center;">Chapter 2. Forms of Business Organisations <i>Month End Assessment (MEA-II) (26th June- 28th June)</i> Portion Chapter 2. Forms of Business Organisations</p>
JULY Working Days: 25 Teaching Days: 25	<p style="text-align: center;">Chapter 2. Forms of Business Organisations (Cont.) Chapter 3.Public, Private and Global Enterprises <i>Periodic Test (PT-1 Revision- 16th July - 18th July)</i> <i>Periodic Test (PT-1-19th July - 25th July)</i> PT-1 Portion Chapter 1. Nature and purpose of Business Chapter 2. Forms of Business Organizations Chapter 3.Public, Private and Global Enterprises <i>Multiple assesment strategy (MAS-I) and Subject Enrichment Activity (SEA-I) are to be conducted between the 8th to 12th of July</i></p>
AUGUST Working Days: 24 Teaching Days: 23	<p style="text-align: center;">Chapter 3.Public, Private and Global Enterprises (Cont.) Chapter 4. Business Services <i>Month End Assessment (MEA-III) (29th Aug-31st Aug)</i> Portion Chapter 3.Public, Private and Global Enterprises Chapter 4. Business Services</p>
SEPTEMBER Working Days: 22 Teaching Days: 21	<p style="text-align: center;">Chapter 4. Business Services (Cont.) Chapter 5. Emerging Modes of Business Multiple Assessment Strategies (MAS-II) Subject Enrichment Activity (SEA-II) Revision and Intervention PT II / TERM 1: (24th Sep – 1st Oct) Portion Chapter 1. Nature and purpose of Business Chapter 2. Forms of Business Organisations Chapter 3.Public, Private and Global Enterprises</p>



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APRIL SESSION



MONTH	BUSINESS STUDIES
	<p>Chapter 4. Business Services Chapter 5. Emerging Modes of Business</p> <p><i>MAS-II and SEA-II are to be conducted between the 23rd to 28th of September</i></p>
<p>OCTOBER</p> <p>Working Days: 15 Teaching Days: 06</p>	<p>Chapter 6. Social Responsibility of Business and Business Ethics</p> <p><i>PT-2 Revision & Intervention (14th Oct-21st Oct)</i> Periodic Test (PT-2 22nd Oct-29th Oct) Portion</p> <p>Chapter 4. Business Services Chapter 5. Emerging Modes of Business Chapter 6. Social Responsibility of Business and Business Ethics</p>
<p>NOVEMBER</p> <p>Working Days: 22 Teaching Days: 21</p>	<p>PART - II Corporate Organisation, Finance and Trade</p> <p>Chapter 7. Sources of Business Finance Month End Assessment (MEA-IV) (27th Nov - 29th Nov) Portion:</p> <p>Chapter 7. Sources of Business Finance</p>
<p>DECEMBER</p> <p>Working Days: 23 Teaching Days: 23</p>	<p>Chapter 7. Sources of Business Finance (Cont.) Chapter 8. MSME and Business Entrepreneurship</p> <p>PT-3 Revision (11th Dec - 13th Dec) Periodic Test (PT-3 16th Dec - 21st Dec) Portion:</p> <p>Chapter 7. Sources of Business Finance (Cont.) Chapter 8. MSME and Business Entrepreneurship</p> <p><i>Multiple assesment strategy (MAS-III) and Subject Enrichment Activity (SEA - III) are to be conducted between the 1st to 6th of December</i></p>
<p>JANUARY</p> <p>Working Days: 19 Teaching Days: 18</p>	<p>Chap 9. Internal Trade</p> <p>Month End Assessment (MEA-V) (29th Jan-31st Jan) Portion</p> <p>Chap 9. Internal Trade</p>



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MONTH	BUSINESS STUDIES
FEBRUARY Working Days: 22 Teaching Days: 22	<p>Chapter 9. Internal Trade (Cont.) Chapter 10. International Business</p> <p>PROJECT WORK</p> <p><i>Month End Assessment (MEA-VI) (24th Feb-27th Feb)</i></p> <p>Portion Chapter 9. Internal Trade (Cont.) Chapter 10. International Business</p> <p><i>Multiple assesment strategy (MAS-IV) and Subject Enrichment Activity (SEA - IV) are to be conducted between the 17st to 22th of February</i></p>
MARCH Working Days: 17 Teaching Days: 11	<p>Revision and Intervention (3rd March – 15th March) Periodic Test (PT-4 17th March-22nd March)</p> <p>Portion <i>Complete portion as given by CBSE Board</i></p>
Total Working Days	234
Total Teaching Days	212



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APRIL/JUNE SESSION

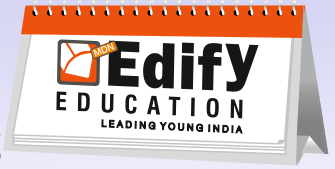
MONTH	ECONOMICS
APRIL Working Days: 21 Teaching Days: 20	<p style="text-align: center;">PART - A Statistics for Economics Chapter 1. Introduction Chapter 2. Collection of Data</p> <p style="text-align: center;">Month End Assessment (MEA-I) (24th April -26th April) portion Chapter 1. Introduction Chapter 2. Collection of Data</p>
JUNE Working Days: 20 Teaching Days: 20	<p style="text-align: center;">Chapter 3. Organisation of data Chapter 4. Presentation of data</p> <p style="text-align: center;">Month End Assessment (MEA-II) (26th June- 28th June) Portion</p> <p style="text-align: center;">Chapter 3. Organisation of data Chapter 4. Presentation of data</p>
JULY Working Days: 25 Teaching Days: 25	<p style="text-align: center;">Chapter 5. Measures of Central Tendency Chapter 6. Correlation Periodic Test (PT-1 Revision - 16th July - 18th July) Periodic Test (PT-1-19th July - 25th July) PT-1 Portion Chapter 1. Introduction Chapter 2. Collection of Data Chapter 3. Organisation of data Chapter 4. Presentation of data Chapter 5. Measures of Central Tendency Chapter 6. Correlation</p> <p style="text-align: center;">Multiple assesment strategy (MAS-I) and Subject Enrichment Activity (SEA-I) are to be conducted between the 8th to 12th of July</p>
AUGUST Working Days: 24 Teaching Days: 23	<p style="text-align: center;">Chapter 7. Introduction to Index numbers Chapter 8. Use of statistical Tools Month End Assessment (MEA-III) (29th Aug-31st Aug) Portion Chapter 7. Introduction to Index numbers Chapter 8. Use of statistical Tools</p>



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YEARLY SYLLABUS PLANNER 2024-25

APRIL SESSION



MONTH	ECONOMICS
SEPTEMBER Working Days: 22 Teaching Days: 21	<p>Chapter 9. Use of statistical Tools</p> <p>PART - B</p> <p>Introductory Microeconomics</p> <p>Chapter 1. Introduction</p> <p>Chapter 2. Theory of Consumer Behaviour</p> <p>Multiple Assessment Strategies (MAS-II)</p> <p>Subject Enrichment Activity (SEA-II)</p> <p>Revision and Intervention PT II / TERM 1: (24th Sep – 1st Oct)</p> <p>Chapter 1. Introduction</p> <p>Chapter 2. Collection of Data</p> <p>Chapter 3. Organisation of data</p> <p>Chapter 4. Presentation of data</p> <p>Chapter 5. Measures of Central Tendency</p> <p>Chapter 6. Correlation</p> <p>Chapter 7. Introduction to Index numbers</p> <p>Chapter 8. Use of statistical Tools</p> <p>Chapter 9. Use of statistical Tools</p> <p>PART B: Introductory Microeconomics</p> <p>Chapter 1. Introduction</p> <p>Chapter 2. Theory of Consumer Behaviour</p> <p><i>MAS-II and SEA-II are to be conducted between the 23rd to 28th of September</i></p>
OCTOBER Working Days: 18 Teaching Days: 12	<p>Chapter 2. Theory of Consumer Behaviour (Cont.)</p> <p>PART - C</p> <p>Project in Economics</p> <p><i>PT-2 Revision & Intervention (14th Oct - 21st Oct)</i></p> <p>Periodic Test (PT-2 22nd Oct - 29th Oct)</p> <p>Portion</p> <p>Part A Statistics for Economics</p> <p>Chapter 1. Introduction</p> <p>Chapter 2. Collection of Data</p> <p>Chapter 3. Organisation of data</p> <p>Chapter 4. Presentation of data</p> <p>Chapter 5. Measures of Central Tendency</p> <p>Chapter 6. Correlation</p> <p>Chapter 7. Introduction to Index number</p> <p>Chapter 8. Use of statistical tools</p> <p>Chapter 9. Use of statistical tools</p> <p>PART B: Introductory Microeconomics</p> <p>Chapter 1. Introduction</p> <p>Chapter 2. Theory of Consumer Behaviour</p>



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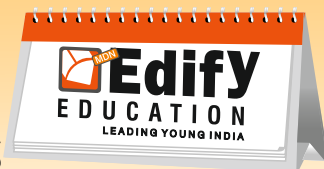
MONTH	ECONOMICS
NOVEMBER Working Days: 22 Teaching Days: 21	Chapter 2.Theory of Consumer Behaviour (Cont.) <i>Month End Assessment (MEA-IV) (27th Nov - 29th Nov)</i> Portion Chapter 2.Theory of Consumer Behaviour
DECEMBER Working Days: 23 Teaching Days: 23	Chapter.3. Production and Costs <i>PT-3 Revision (11th Dec -13th Dec)</i> <i>Periodic Test (PT-3 16th Dec -21st Dec)</i> Portion PART B: Introductory Micro economics Chapter 2.Theory of Consumer Behaviour Chapter.3. Production and Costs <i>Multiple assesment strategy (MAS-III) and Subject Enrichment Activity (SEA-III) are to be conducted between the 1st to 6th of December</i>
JANUARY Working Days: 19 Teaching Days: 19	Chapter.3. Production and Costs (Cont.) Chapter 4. The Theory of The Firm Under Perfect Competition <i>Month End Assessment (MEA-V) (29th Jan-31st Jan)</i> Portion Chapter.3. Production and Costs
FEBRUARY Working Days: 22 Teaching Days: 21	Chapter 4. The Theory of The Firm Under Perfect Competition (Cont.) <i>Month End Assessment (MEA-VI) (24th Feb-27th Feb)</i> Portion Chapter 4. The Theory of The Firm Under Perfect Competition <i>Multiple assesment strategy (MAS-IV) and Subject Enrichment Activity(SEA-IV) are to be conducted between the 17st to 22th of February</i>
MARCH Working Days: 17 Teaching Days: 10	<i>Revision and Intervention (3rd March – 15th March)</i> <i>Periodic Test (PT-4 17th March - 22nd March)</i> Portion <i>Complete portion as given by CBSE Board</i>
Total Working Days	234
Total Teaching Days	212



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APRIL SESSION



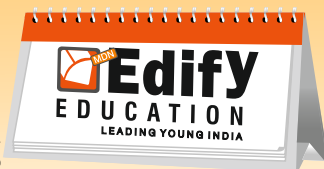
MONTH	COMPUTER SCIENCE
APRIL Working Days: 21 Teaching Days: 21	Unit I: Computer Systems and Organisation Unit II: Computational Thinking and Programming - I
JUNE Working Days: 20 Teaching Days: 20	Unit II: Computational Thinking and Programming - I
JULY Working Days: 25 Teaching Days: 25	Unit II: Computational Thinking and Programming - I
AUGUST Working Days: 24 Teaching Days: 23	Unit II: Computational Thinking and Programming - I
SEPTEMBER Working Days: 22 Teaching Days: 21	Unit II: Computational Thinking and Programming - I
OCTOBER Working Days: 15 Teaching Days: 06	Unit III: Society, Law and Ethics
NOVEMBER Working Days: 22 Teaching Days: 21	Practicals



GRADE XI

YEARLY SYLLABUS PLANNER 2024-25

APRIL SESSION



MONTH	COMPUTER SCIENCE
DECEMBER Working Days: 23 Teaching Days: 23	Practicals
JANUARY Working Days: 19 Teaching Days: 19	Practicals
FEBRUARY Working Days: 22 Teaching Days: 22	Revision and Intervention for Final Examinations
MARCH Working Days: 17 Teaching Days: 11	Revision and Intervention for Final Examinations
Total Working Days	(230) Working days include all revision and assessment days, Annual day/ Sports Day (Tentative dates)
Total Teaching Days	(212) Teaching days exclude PT-2 revision and assessment days, PT-4 assessment days, Independence Day, Teachers' Day, Children's. Day



GRADE XI

YEARLY SYLLABUS PLANNER 2024-25

APRIL SESSION



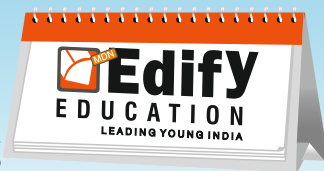
MONTH	INFORMATICS PRACTICES
APRIL Working Days: 21 Teaching Days: 21	1. Introduction to computer system 2. Introduction to Python
JUNE Working Days: 20 Teaching Days: 20	2. Introduction to Python
JULY Working Days: 25 Teaching Days: 25	2. Introduction to Python
AUGUST Working Days: 24 Teaching Days: 23	3. Database concepts and the Structured Query Language
SEPTEMBER Working Days: 22 Teaching Days: 21	3. Database concepts and the Structured Query Language
OCTOBER Working Days: 15 Teaching Days: 06	4. Introduction to Emerging Trends
NOVEMBER Working Days: 22 Teaching Days: 21	4. Introduction to Emerging Trends



GRADE XI

YEARLY SYLLABUS PLANNER 2024-25

APRIL SESSION



MONTH	INFORMATICS PRACTICES
DECEMBER Working Days: 23 Teaching Days: 23	Practicals
JANUARY Working Days: 19 Teaching Days: 19	Practicals
FEBRUARY Working Days: 22 Teaching Days: 22	Practicals
MARCH Working Days: 17 Teaching Days: 11	Revision and Intervention for Final Examinations
Total Working Days	(230) Working days include all revision and assessment days, Annual day/ Sports Day (Tentative dates)
Total Teaching Days	(212) Teaching days exclude PT-2 revision and assessment days, PT-4 assessment days, Independence Day, Teachers' Day, Children's. Day