

# SYLLABUS FOR UT (50 MARKS), TERM I and TERM 2

## STD XI A & B (Science stream), 2025-26

Subject	Syllabus for 50M	Syllabus for Term-1	Syllabus for Term-2
ENGLISH	<p><b><u>Reading -</u></b> Unseen Comprehension Passage</p> <p><b><u>Writing -</u></b> Poster Speech</p> <p><b><u>Grammar -</u></b> Gap filling Sentence reordering</p> <p><b><u>Literature -</u></b> The Portrait of a Lady (Prose - Hornbill) A Photograph (Poem) The Summer of the Beautiful White Horse (Prose - Snapshots)</p>	<p><b><u>Reading -</u></b> Unseen Comprehension Passages</p> <p><b><u>Writing -</u></b> Poster Advertisement Speech</p> <p><b><u>Grammar -</u></b> Gap filling Sentence reordering</p> <p><b><u>Literature -</u></b> <b>HORNBILL</b> The Portrait of a Lady (Prose) We are not afraid to die (Prose) A Photograph (Poem) The Laburnum Top (Poem) The Voice of the Rain (Poem)</p> <p><b>SNAPSHOTS</b> The Summer of the Beautiful White Horse The Address</p>	<p><b><u>Reading -</u></b> -Unseen Comprehension Passages -Note making &amp; Summarizing</p> <p><b><u>Writing -</u></b> Poster Advertisement Speech Debate</p> <p><b><u>Grammar -</u></b> Gap filling Sentence reordering/sentence transformation</p> <p><b><u>Literature -</u></b> <b>HORNBILL</b> The Portrait of a Lady (Prose) • A Photograph (Poem) • “We’re Not Afraid to Die... if We Can Be Together • Discovering Tut: The Saga Continues • The Laburnum Top (Poem) • The Voice of the Rain (Poem) • Childhood (Poem) • The Adventure • Silk Road (Prose) • Father to Son</p> <p><b>SNAPSHOTS</b> • The Summer of the Beautiful White Horse (Prose) • The Address (Prose) • Mother’s Day (Play) • Birth (Prose) • The Tale of Melon City</p>

<b>MATHS</b>	Chapter 1 : Sets Chapter 2: Relations & Functions Chapter 3: Trigonometry	Chapter 1 : Sets Chapter 2: Relations And Functions Chapter 3: Trigonometric Functions Chapter 4: Complex Numbers And Quadratic Equations Chapter 5: Linear Inequalities Chapter 6: Permutations And Combinations Chapter 7: Binomial Theorem Chapter 12: Limits And Derivatives	Chapter 1- Sets Chapter 2- Relations and Functions Chapter 3- Trigonometric Functions Chapter 4- Complex numbers & quadratic equations Chapter 5- Linear Inequalities Chapter 6 - Permutations and Combinations Chapter 7- Binomial Theorem Chapter 8- Sequences and Series Chapter 9- Straight lines Chapter 10- Conic Sections Chapter 11- Introduction to Three Dimensional Geometry Chapter 12- Limits and Derivatives Chapter 13- Statistics Chapter 14- Probability
<b>PHYSICS</b>	Chapter 1:Units and Measurements Chapter 2: Motion in Straight line Chapter 3: Motion in Plane	Chapter1:Units and Measurements Chapter 2 : Motion in Straight line Chapter 3: Motion in Plane Chapter 4: Laws of Motion Chapter 5: Work, Energy and Power	Chapter 1:Units and Measurements Chapter 2 : Motion in Straight line Chapter 3: Motion in Plane Chapter 4: Laws of Motion Chapter 5: Work, Energy and Power Chapter 6: System of Particles and Rotational Motion Chapter 7: Gravitation Chapter 8:Mechanical Properties of Solids Chapter 9: Mechanical Properties of Fluids Chapter 10: Thermal Properties of Matter Chapter 11: Thermodynamics Chapter 12: Kinetic Theory Chapter 13: Oscillations Chapter 14: Waves

<b>CHEMISTRY</b>	Unit 1: Some Basic Concepts of Chemistry. Unit 2: Structure of Atom (Only the following topics) : 2.1 , 2.2 , 2.3, 2.4	Unit 1: Some Basic Concepts of Chemistry. Unit 2: Structure of Atom Unit 3: Classification of elements and Periodicity in Properties. Unit 7: Redox Reactions	Unit 1: Some Basic Concepts of Chemistry. Unit 2: Structure of Atom Unit 3: Classification of elements and Periodicity in Properties. Unit 4: Chemical Bonding and Molecular Structure Unit 5: Thermodynamics Unit 6: Equilibrium Unit 7: Redox Reactions Unit 8: Organic Chemistry – Some Basic Principles and Techniques Unit 9: Hydrocarbons
<b>BIOLOGY</b>	Chapter 1: The Living World Chapter 2: Biological Classification Chapter 3: Plant Kingdom Chapter 4: Animal Kingdom	Chapter 1: The Living World Chapter 2: Biological Classification Chapter 3: Plant Kingdom Chapter 4: Animal Kingdom Chapter 5: Morphology of Flowering Plants Chapter 6: Anatomy of Flowering Plants Chapter 7: Structural Organisation in Animals Chapter 8: Cell: The Unit of Life Chapter 10: Cell Cycle and Cell Division	Chapter 1: The Living World (Term 1) Chapter 2: Biological Classification ( Term 1) Chapter 3: Plant Kingdom ( Term 1) Chapter 4: Animal Kingdom ( Term 1) Chapter 5: Morphology of Flowering Plants ( Term 1) Chapter 6: Anatomy of Flowering Plants ( Term 1) Chapter 7: Structural Organisation in Animals Chapter 8:Cell: The Unit of Life ( Term 1) Chapter 10 : Cell Cycle and Cell Division ( Term 1) Chapter 9: Biomolecules (Term 2) Chapter 13: Photosynthesis in Higher Plants ( Term 2) Chapter 14: Respiration in Plants ( Term 2) Chapter 15: Plant Growth and Development ( Term 2) Chapter 17: Breathing and Exchange of Gases ( Term 2)
<b>COMPUTER SCIENCE</b>	Chapter 1 Computer System & Boolean Algebra Chapter 2 Encoding Schemas and Number System Chapter 4 introduction to problem Solving Chapter 5	Chapter 1 Computer System & Boolean Algebra Chapter 2 Encoding Schemas and Number System Chapter 4 Introduction to problem Solving Chapter 5 Getting Started with Python Chapter 6 Flow of Control	Chapter 1 Computer System & Boolean Algebra (Term 1) Chapter 2 Encoding Schemas and Number System (Term 1) Chapter 4 Introduction to problem Solving (Term 1) Chapter 5 Getting Started with Python (Term 1) Chapter 6 Flow of Control (Term 1)  Chapter 8 Strings ( Term 2)

	Getting Started with Python		Chapter 9 Lists (Term 2) Chapter 10 Tuples and Dictionaries (Term 2) Chapter 11 Societal Impact (Term 2)
<b>ECONOMICS</b>	1 Introduction to Microeconomics 2 Consumer's Equilibrium 3 Demand 4 Elasticity of Demand	Microeconomics Ch 1 Introduction to Microeconomics Ch 2 Consumer's Equilibrium Ch 3 Demand and Elasticity of Demand  Statistics Ch 1 Introduction to Statistics Ch 2 Collection of data Ch 3 Organisation of data Ch 4 Presentation of data:- Tabular, Diagrammatic and Graphical Ch 5 Mean, Median and mode	MICROECONOMICS Introduction Consumer's Equilibrium Demand and Elasticity of demand Production Cost Revenue Producer's Equilibrium Supply and Elasticity of Supply Forms of Market Price Determination  STATISTICS Introduction Collection of data Organization of data Presentation of data- Tabular, Diagrammatic and Graphical Measures of Central Tendency- Mean, Median and Mode Correlation Index Numbers
<b>PSYCHOLOGY</b>	1.What is Psychology 2. Human Development	1.What is Psychology? 2.Methods of Enquiry in Psychology 3.Human Development 4. Learning 5.Human Memory	1.What is Psychology 2.Methods of Enquiry in Psychology 3.Human Development 4.Sensory, Attentional and Perceptual Processes 5.Learning 6.Human Memory
<b>PHYSICAL EDUCATION</b>	Unit -1 Changing trends and career in Physical Education Unit -3 Yoga Unit -4 Physical Education and sports for CWSN	Unit 1- Changing trends and career in physical education Unit 2- Olympic value education Unit 3- Yoga Unit 4- Physical education and sports for CWSN Unit 5- Physical Fitness, Wellness Unit 6- Test, Measurement and Evaluation	Unit 1-Changing trends and career in Physical Education Unit 2- Olympic value education unit 3- Yoga Unit 4- Physical education and sports for CWSN Unit 5- Physical Fitness, Wellness Unit 6- Test, Measurement and Evaluation Unit 7- Fundamental of Anatomy and Physiology in sports

		Unit 7- Fundamental of Anatomy and Physiology in sports  <b>Practical- (30 marks)</b> Physical fitness Yogic asanas Viva Physical lab manual	Unit 8- Fundamental of Kinesiology and Biomechanics in sports Unit 9- Psychology and sports Unit 10- Training and Doping in sports  <b>Practical- (30 marks)</b> Physical fitness Yogic asanas Viva Physical lab manual
<b>FINE ARTS</b>	<p style="text-align: center;"><b>THEORY -</b></p> <ul style="list-style-type: none"> <li>• Origin and Development of Indian art</li> <li>• Pre - historic Rock Paintings</li> </ul> <p style="text-align: center;"><b>PRACTICAL-</b></p> <ul style="list-style-type: none"> <li>• Foliage Study &amp; Drawing</li> <li>• Artworks</li> <li>• Sketch file</li> </ul>	<p style="text-align: center;"><b>THEORY -</b></p> <ul style="list-style-type: none"> <li>• Origin and Development of Indian art</li> <li>• Pre - historic Rock Paintings</li> <li>• Art of Indus / Sindhu Saraswati Civilization (Indus valley Civilization)</li> <li>• Buddhist, Jain and Hindu Art</li> </ul> <p style="text-align: center;"><b>PRACTICAL-</b></p> <ul style="list-style-type: none"> <li>• Still Life Drawing</li> <li>• Composition Drawing</li> <li>• Sketch file &amp; Portfolio</li> </ul>	<p style="text-align: center;"><b>THEORY -</b></p> <ul style="list-style-type: none"> <li>• Temple Sculptures</li> <li>• Chola Bronzes</li> <li>• Artistic aspect of Indo-Islamic Architecture</li> </ul> <p style="text-align: center;"><b>PRACTICAL-</b></p> <ul style="list-style-type: none"> <li>• Still Life Drawing</li> <li>• Composition Drawing</li> <li>• Sketch file</li> <li>• Portfolio</li> </ul>
<b>GERMAN</b>	Lektion 10  <u>Section A – Reading</u> Comprehension (unseen passage)  <u>Section B – Writing</u> Based on stimulus compose an e-mail Based on stimulus compose a dialogue <u>Section C – Applied Grammar</u>	Lektion 10, 11  <u>Section A – Reading</u> Comprehension (unseen passage)  <u>Section B – Writing</u> Based on stimulus compose an e-mail Based on stimulus compose a dialogue <u>Section C – Applied Grammar</u> <ul style="list-style-type: none"> <li>• Konjunktion seit/seitdem</li> <li>• zweiteilige konjunktion :entweder/oder, zwar ..aber,sowohl..als auch</li> </ul>	Lektion 10, 11,12,13,14  <u>Section A – Reading</u> Comprehension (unseen passage)  <u>Section B – Writing</u> Based on stimulus compose an e-mail Based on stimulus compose a dialogue <u>Section C – Applied Grammar</u> <ul style="list-style-type: none"> <li>• Adjective endings with and without articles (Nominative, accusative and dative)</li> <li>• Conjunctions (entweder...oder, seitdem, je...desto, ohne...zu, als, wenn)</li> </ul>

	<ul style="list-style-type: none"> <li>• Konjunktion seit/seitdem</li> <li>• zweiteilige konjunktion :entweder/oder, zwar ..aber,sowohl..als auch</li> <li>• Trotz</li> </ul> <p><u>Section D – Textbook</u> Completing a passage with the vocabulary provided (from the text book) Comprehension (from the text book)</p>	<ul style="list-style-type: none"> <li>• Trotz</li> <li>• finale praposition zu + dativ</li> <li>• Adjektivendung</li> <li>• KII WENN</li> <li>• KII SEIN</li> </ul> <p><u>Section D – Textbook</u> Completing a passage with the vocabulary provided (from the text book) Comprehension (from the text book)</p>	<ul style="list-style-type: none"> <li>• Subjunctive (Konjunktiv II) in Hypothetical situation with ,wenn‘</li> <li>• Reflexive verbs and pronouns</li> <li>• Prepositions (trotz, innerhalb, außerhalb, von, zu)</li> </ul> <p><u>Section D – Textbook</u> Completing a passage with the vocabulary provided (from the text book) Comprehension (from the text book)</p>
<b>FRENCH</b>	<p><b><u>Leçon 1, 2, 3</u></b></p> <p><u>Section A – Reading</u></p> <ul style="list-style-type: none"> <li>• Unseen Prose Passage</li> <li>• Seen Passage</li> </ul> <p><u>Section B – Writing</u></p> <ul style="list-style-type: none"> <li>• Story writing based on outline</li> <li>• Informal letter</li> </ul> <p><u>Section C – Applied Grammar</u></p> <ul style="list-style-type: none"> <li>• Tenses</li> <li>• Prepositions</li> <li>• Interrogative adjectives and pronouns</li> <li>• Le voix actif et passif</li> <li>• Trouvez la question</li> <li>• La negation</li> </ul>	<p><b><u>Leçon 1 - 6</u></b></p> <p><u>Section A – Reading</u></p> <ul style="list-style-type: none"> <li>• Unseen Prose Passage</li> <li>• Seen Passage</li> </ul> <p><u>Section B – Writing</u></p> <ul style="list-style-type: none"> <li>• Story writing based on outline</li> <li>• Informal letter</li> </ul> <p><u>Section C – Applied Grammar</u></p> <ul style="list-style-type: none"> <li>• Prepositions</li> <li>• Interrogative adjectives and pronouns</li> <li>• Relative pronouns ( simple and composed)</li> <li>• Le voix actif et passif</li> <li>• Tenses (excluding the passé simple and passé antérieur)</li> <li>• Trouvez la question</li> <li>• La negation</li> </ul>	<p><b><u>Leçon 1 - 12</u></b></p> <p><u>Section A – Reading</u></p> <ul style="list-style-type: none"> <li>• Unseen Prose Passage</li> <li>• Seen Passage</li> </ul> <p><u>Section B – Writing</u></p> <ul style="list-style-type: none"> <li>• Story writing based on outline</li> <li>• Informal letter</li> </ul> <p><u>Section C – Applied Grammar</u></p> <ul style="list-style-type: none"> <li>• Prepositions</li> <li>• Interrogative adjectives and pronouns</li> <li>• Relative pronouns ( simple and composed)</li> <li>• Personal pronouns</li> <li>• Tenses (excluding the passé simple and passé antérieur)</li> <li>• Trouvez la question</li> <li>• La negation</li> </ul> <p><u>Section D – Textbook</u></p> <ul style="list-style-type: none"> <li>• Short question &amp; answers</li> </ul>

	<u>Section D – Textbook</u> <ul style="list-style-type: none"> <li>• Short question &amp; answers</li> <li>• Fill in the blanks</li> </ul>	<u>Section D – Textbook</u> <ul style="list-style-type: none"> <li>• Short question &amp; answers</li> <li>• Fill in the blanks</li> </ul>	<ul style="list-style-type: none"> <li>• Fill in the blanks</li> </ul>
<b>HEFS</b>	Chapter 1: Introduction to Home Science Chapter 3: Food, Nutrition Health, and Fitness Chapter 4:- Management of Resources	Chapter 1: Introduction to Home Science Chapter 2: Understanding Self: Who am I? Chapter 3: Food, Nutrition Health, and Fitness Chapter 4: Management of Resources Chapter 5: Fabric Around Us Chapter 6: Media Communication and Technology Chapter 7: Nutrition, Health and Hygiene Chapter 8: Resource Availability and Management Chapter 9: Our Apparel	Chapter 1: Introduction to Home Science Chapter 2: Understanding Self Chapter 3: Food, Nutrition Health, and Fitness Chapter 4: Management of Resources Chapter 5: Fabric Around Us Chapter 6: Media Communication and Technology Chapter 7: Nutrition, Health and Hygiene Chapter 8: Resource Availability and Management Chapter 9: Survival Growth and Development Chapter 10: Nutrition, Health and Wellbeing Chapter 11: Our Apparel Chapter 12: Health and Wellness Chapter 13: Financial Management ad Planning Chapter 15: Care and Maintenance of fabrics