

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

### STD XI A & B (Science stream)

Subject	Syllabus for 50M	Syllabus for Term-1	Syllabus for Term-2
<b>English</b>	<p>I. Reading Skills: Unseen passage</p> <p>II. Creative writing skills: Poster; Speech</p> <p>Integrated Grammar: Gap filling and jumbled up sentences</p> <p>III. Literature: (Hornbill) The Portrait of a Lady A Photograph The Laburnum Top We're not afraid to die... (Snapshots) The Summer of the Beautiful White Horse</p>	<p>I. Reading Skills: Unseen passage</p> <p>Note-making &amp; summarising</p> <p>II. Creative writing skills: Poster; Speech</p> <p>Integrated Grammar: Gap filling and jumbled up sentences</p> <p>III. Literature: (Hornbill) The Portrait of a Lady We're Not Afraid To Die...If We Can All Be Together Discovering Tut: The Saga Continues A Photograph The Laburnum Top (Snapshots) The Summer of the Beautiful White Horse The Address The Tale of Melon City</p>	<p>I. Reading Skills: Unseen passage</p> <p>Note-making &amp; summarising</p> <p>II. Creative writing skills: Poster; Speech; Classified Advertisements; Debate</p> <p>Integrated Grammar: Gap filling and jumbled up sentences</p> <p>III. Literature: (Hornbill) The Portrait of a Lady We're Not Afraid To Die...If We Can All Be Together Discovering Tut: The Saga Continues The Adventure Silk Road A Photograph (poetry) The Laburnum Top (poetry) The Voice of the Rain (poetry) Childhood (poetry) Father to Son (poetry) (Snapshots) The Summer of the Beautiful White Horse The Address Mother's Day Birth The Tale of Melon City (poetry)</p>
<b>Maths</b>	<p>Chapter 1 : Sets</p> <p>Chapter 2: Relations And Functions</p> <p>Chapter 3: Trigonometry</p>	<p>Chapter 1 : Sets</p> <p>Chapter 2: Relations And Functions</p> <p>Chapter 3: Trigonometric Functions</p> <p>Chapter 4: Complex Numbers And Quadratic Equations</p> <p>Chapter 5: Linear Inequalities</p> <p>Chapter 6: Permutation And Combination</p> <p>Chapter 7: Binomial Theorem</p> <p>Chapter 13: Limits And Derivatives</p>	<p>Chapter 1- Sets</p> <p>Chapter 2- Relations and Functions</p> <p>Chapter 3- Trigonometric Functions</p> <p>Chapter 4- Complex numbers &amp; quadratic equations</p> <p>Chapter 5- Linear Inequalities</p> <p>Chapter 6 - Permutations and Combinations</p> <p>Chapter 7- Binomial Theorem</p> <p>Chapter 8- Sequences and Series</p> <p>Chapter 9- Straight lines</p> <p>Chapter 10- Conic Sections</p> <p>Chapter 11- Introduction to Three Dimensional Geometry</p>

			Chapter 12- Limits and Derivatives Chapter 13- Statistics Chapter 14- Probability
<b>Physics</b>	Unit 1: Units and Measurements Unit 2: Motion in Straight line Unit 3: Motion in Plane	Unit 1: Units and Measurements Unit 2: Motion in Straight line Unit 3: Motion in Plane Unit 4: Laws of Motion Unit 5: Work, Energy and Power	Unit 1: Units and Measurements Unit 2: Motion in Straight line Unit 3: Motion in Plane Unit 4: Laws of Motion Unit 5: Work, Energy and Power Unit-V Motion of System of Particles and Rigid Body Unit-VI Gravitation Unit-VII Properties of Bulk Matter Unit-VIII Thermodynamics Unit-IX Behaviour of Perfect Gases and Kinetic Theory of Gases Unit-X Oscillations and Waves
<b>Chemistry</b>	Unit 1: Some Basic Concepts of Chemistry. Unit 2: Structure of Atom	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 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 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 4: Animal Kingdom	Chapter 8: Cell: The Unit of Life Chapter 10: Cell Cycle and Cell Division	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: Getting Started with Python	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) 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 Introduction to Statistics	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.Methods of Enquiry in Psychology	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 7.Thinking 8.Motivation and Emotion
<b>HEFS</b>	Chapter 1: Introduction to Human Ecology and Family Science Chapter 3: Food, Nutrition Health, and Fitness Chapter 4:-Management of Resources	Chapter 1: Introduction to Human Ecology and Family 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	
<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 7- Fundamental of Anatomy and Physiology in sports  <b>Practical-(30 marks)</b> Physical fitness Yogic asanas Viva Physical lab manual	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 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

<p><b>Fine Arts</b></p>	<p><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><b>PRACTICAL-</b></p> <ul style="list-style-type: none"> <li>● Artworks</li> <li>● Sketch file</li> </ul>	<p><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 Valley Civilization</li> </ul> <p><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>	<p><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 Valley Civilization</li> <li>● Buddhist, Jain and Hindu Art</li> <li>● Temple Sculptures, Bronzes and Artistic aspect of Indo-Islamic Architecture</li> </ul> <p><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>
<p><b>German</b></p>	<p>Lektion 10</p> <p><u>Section A – Reading</u> Comprehension (unseen passage)</p> <p><u>Section B – Writing</u> Based on stimulus compose an e-mail Based on stimulus compose a dialogue</p> <p><u>Section C – Applied Grammar</u></p> <ul style="list-style-type: none"> <li>● Konjunktion seit/seitdem</li> <li>● zweiteilige konjunktion :entweder/oder, zwar</li> </ul>	<p>Lektion 10, 11</p> <p><u>Section A – Reading</u> Comprehension (unseen passage)</p> <p><u>Section B – Writing</u> Based on stimulus compose an e-mail Based on stimulus compose a dialogue</p> <p><u>Section C – Applied Grammar</u></p> <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> <li>● finale praposition zu + dativ</li> <li>● Adjektivendung</li> <li>● KII WENN</li> <li>● KII SEIN</li> </ul>	<p><u>Section A – Reading</u> Comprehension (unseen passage)</p> <p><u>Section B – Writing</u> Based on stimulus compose an e-mail Based on stimulus compose a dialogue</p> <p><u>Section C – Applied Grammar</u></p> <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> <li>● Subjunctive (Konjunktiv II) in Hypothetical situation with ‚wenn‘</li> <li>● Reflexive verbs and pronouns</li> <li>● Prepositions (trotz, innerhalb, auerhalb, 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>

	<p>..aber,sowohl..als auch</p> <ul style="list-style-type: none"><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>	<p><u>Section D – Textbook</u> Completing a passage with the vocabulary provided (from the text book) Comprehension (from the text book)</p>	
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