

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

STD XII A and B

Subject	Syllabus for 50M	Syllabus for Term-1	Syllabus for Term-2
ENGLISH	<p><u>Reading</u> - Unseen Comprehension Passage</p> <p><u>Writing</u> - 1. Notice 2. Article writing</p> <p><u>Literature</u> - The Last Lesson (Prose - Flamingo) Lost Spring (Prose - Flamingo) My Mother at Sixty Six (Poem) The Third Level (Prose - Vistas)</p>	<p><u>Reading</u> - Unseen Comprehension Passages</p> <p><u>Writing</u> - 1. Notice 2. Article writing 3. Job Application 4. Letter to the Editor</p> <p><u>Literature</u> - FLAMINGO The Last Lesson (Prose) Lost Spring (Prose) Deep Water (Prose) The Rattrap (Prose) My Mother at Sixty Six (Poem) Keeping Quiet (Poem) VISTAS The Third Level (Prose) Tiger King (Prose) Journey to the End of the Earth (Prose)</p>	<p><u>Reading</u> - Unseen Comprehension Passages</p> <p><u>Writing</u> - 1. Notice 2. Formal/Informal Invitation & Reply 3. Article writing 4. Job Application 5. Letter to the Editor</p> <p><u>Literature</u> - FLAMINGO (Prose) The Last Lesson Lost Spring Deep Water The Rattrap Indigo Poets and Pancakes The Interview Going Places (Poetry) My Mother at Sixty-Six Keeping Quiet A Thing of Beauty A Roadside Stand Aunt Jennifer's Tigers</p> <p>VISTAS The Third Level The Tiger King Journey to the End of the Earth The Enemy On the Face of It</p>

			Memories of Childhood - The Cutting of My Long Hair - We Too are Human Beings
MATHS	Chapter 1: Relations and Functions Chapter 2: Inverse Trigonometric Functions Chapter 3: Matrices Chapter 4: Determinants Chapter 5: Continuity and Differentiability (only ex 5.1)	Chapter 1: Relations and Functions Chapter 2: Inverse Trigonometric Functions Chapter 3: Matrices Chapter 4: Determinants Chapter 5: Continuity And Differentiability Chapter 6: Applications of Derivatives chapter 10: Vectors Chapter 11: Three Dimensional Geometry Chapter 12: LPP	Chapter 1- Relations and Functions Chapter 2- Inverse Trigonometric Functions Chapter 3- Matrices Chapter 4- Determinants Chapter 5- Continuity and differentiability Chapter 6- Application of Derivatives Chapter 7- Integrals Chapter 8- Application of Integrals Chapter 9- Differential Equations Chapter 10- Vector Algebra Chapter 11- Three Dimensional Geometry Chapter 12- Linear Programming Chapter 13- Probability
PHYSICS	Unit-I Electrostatics Unit-II Current Electricity	Unit-I Electrostatics Unit-II Current Electricity Unit-III Magnetic Effects of Current and Magnetism Unit-IV Electromagnetic Induction and Alternating Currents	Unit-I Electrostatics Unit-II Current Electricity Unit-III Magnetic Effects of Current and Magnetism Unit-IV Electromagnetic Induction and Alternating Currents Unit-V Electromagnetic Waves Unit-VI Optics Unit-VII Dual Nature of Radiation and Matter Unit-VIII Atoms and Nuclei Unit-IX Electronic Devices

CHEMISTRY	Unit 1 : Solutions (Only following topics) 1.1 Type of solutions 1.2 Expressing Concentration of Solutions 1.3 Solubility 1.4 Vapour Pressure of Liquid Solutions 1.4.1 Vapour Pressure of Liquid- Liquid Solutions 1.4.2 Raoult's Law as a special case of Henry's Law 1.4.3 Vapour Pressure of Solutions of Solids in Liquids Unit 6: Haloalkanes and haloarenes Unit 7: Alcohols, phenols and ethers	Unit 1 : Solutions Unit 2 : Electrochemistry Unit 3 : Chemical Kinetics (Only following topics) 3.1 Rate of chem reaction 3.2 Factors influencing rate of reaction 3.2.1: Dependence of rate on concentration 3.2.2: Rate expression and rate constant by 3.2.3: Order of a reaction 3.2.4: Molecularity of a reaction Unit 4: d and f block elements Unit 6: Haloalkanes and haloarenes Unit 7 : Alcohols, phenols and ethers	Unit 1 : Solutions Unit 2 : Electrochemistry Unit 3 : Chemical Kinetics Unit 4: d and f block elements Unit 5: Coordination Compounds Unit 6: Haloalkanes and haloarenes Unit 7 : Alcohols, phenols and ethers Unit 8: Aldehydes, Ketone and Carboxylic Acids. Unit 9: Amines Unit 10: Biomolecules
BIOLOGY	Chap 1. Sexual reproduction in plants Chap 2. Human reproduction Chap 3. Reproductive health Chap 11. Organisms and population	Chap 1. Sexual reproduction in plants Chap 2. Human reproduction Chap 3. Reproductive health Chap 4. Principles of inheritance and Variations Chap 6. Evolution Chap 7. Human health and diseases Chap 11. Organisms and population Chap 13. Biodiversity and Conservation	Chap 1. Sexual reproduction in plants Chap 2. Human reproduction Chap 3. Reproductive health Chap 4. Principles of inheritance and Variations Chapter-5: Molecular Basis of Inheritance Chap 6. Evolution Chap 7. Human health and diseases Chapter-8: Microbes in Human Welfare

			Chapter-9: Biotechnology - Principles and Processes Chapter-10: Biotechnology and its Applications Chap 11. Organisms and population Chapter-12: Ecosystem Chap 13. Biodiversity and Conservation
COMP. SC.	Review of Python Basics Functions Data File Handling Text Files Binary Files CSV Files	Review of Python Basics Functions Data File Handling Text Files Binary Files CSV Files Relational Database and SQL Interface Python with Sql Practical Python Program : 10 marks SQL : 5 marks File & : 8 marks Register Project : 3 marks synopsis Viva : 4 marks	Term II Creation of Database connectivity applications Computer Networks Python Data Structures: Lists Practical Python Program : 8 marks SQL : 4 marks File : 7 marks Project : 8 marks Viva : 3 marks
ECONOMICS	<u>Macroeconomics</u> Unit 1 National Income Unit 2 Money and Banking Unit 3 Determination of Income and Employment	<u>Macroeconomics</u> Unit 1 National Income Unit 2 Money and Banking Unit 3 Determination of Income and Employment Unit 4 Government Budget Unit 5 BOP and Foreign Exchange <u>Indian Economics</u> Chapter 1 Indian Economy on the eve of Independence Chapter 2 Indian Economy 1950-90 Chapter 3 New Economic Policy	<u>Macroeconomics</u> Unit 1 National Income Unit 2 Money and Banking Unit 3 Determination of Income and Employment Unit 4 Government Budget Unit 5 BOP and Foreign Exchange <u>Indian Economics</u> Chapter 1 Indian Economy on the eve of Independence Chapter 2 Indian Economy 1950-90 Chapter 3 New Economic Policy Chapter 4 Human Capital Formation

			Chapter 5 Rural Development Chapter 6 Environment and Sustainable Development Chapter 7 Employment and Informalization Chapter 8 Development Experience of India, China and Pakistan
PSYCHOLOGY	1. Variations in Psychological attributes 2. Self and Personality 3. Meeting Life challenges	1. Variations in Psychological attributes 2. Self and Personality 3. Meeting Life challenges 4. Psychological Disorders 5. Therapeutic Approaches	1. Variations in Psychological attributes 2. Self and Personality 3. Meeting Life challenges 4. Psychological Disorders 5. Therapeutic Approaches 6. Attitude and Social cognition 7. Social influence and group processes
P.EDUCATION	Unit 1-Management of sporting events Unit 2- Children and women in sports Unit 3- Yoga as a preventive measures for lifestyle diseases	Unit 1- Management of sporting events Unit 2- Children and women in sport Unit 3-Yoga as a preventive measure for lifestyle diseases Unit 4- Physical education and sports for CWSN Unit 5- Sports and Nutrition Unit 6-Test and measurement in sports Unit 7- Physiology and injuries in sports PRACTICAL- (30 marks) Physical fitness Yogic asanas Viva Physical lab manual	Unit 1- Management of sporting events Unit 2- Children and women in sport Unit 3-Yoga as a preventive measure for lifestyle diseases Unit 4- Physical education and sports for CWSN Unit 5- Sports and Nutrition Unit 6-Test and measurement in sports Unit 7- Physiology and injuries in sports Unit 8-Biomechanic and sports Unit 9- Psychology and sports Unit 10-Training and sports PRACTICAL -(30 marks) Physical fitness Yogic asanas Viva Physical lab manual
FINE ART	THEORY <ul style="list-style-type: none"> The Rajasthani School of Miniature Painting Pahari School of Miniature Painting 	THEORY <ul style="list-style-type: none"> The Rajasthani School of Miniature Painting Pahari School of Miniature Painting 	THEORY <ul style="list-style-type: none"> Indian National Flag The Bengal School of Painting The Modern Trends in Indian Art Paintings, Graphic Prints, Sculptures

	PRACTICAL <ul style="list-style-type: none"> • Still Life Drawing • Composition Drawing • Sketchfile and Portfolio 	<ul style="list-style-type: none"> • The Mughal School of Miniature Painting • Deccan Schools of Miniature Painting PRACTICAL <ul style="list-style-type: none"> • Still Life Drawing • Composition Drawing • Sketchfile and Portfolio • Creative Paintings 	PRACTICAL <ul style="list-style-type: none"> • Still Life Drawing • Composition Drawing • Sketchfile and Portfolio • Canvas Paintings
GERMAN	<u>LEKTION 15, 16</u> <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"> • Future tense (Futur I - werden + Infinitiv) • als ob kII • Von als Genitivsatz • sodass/so..dass <u>Section D – Textbook</u> Completing a passage with the vocabulary	<u>LEKTION 15, 16</u> <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"> • Future tense (Futur I - werden + Infinitiv) • als ob kII • Von als Genitivsatz • sodass/so..dass • Passiv präsens • Passiv Präteritum 	<u>LEKTION 15, 16,17,18</u> <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"> • Passive voice (Passiv Präsens, Passiv Präteritum) • Subordinate clauses (als ob, da, falls, sodass, statt dass, statt...zu) • Adjectives and participle as nouns Future tense (Futur I - werden +

	<p>provided (from the text book)</p> <p>Comprehension (from the text book)</p>	<ul style="list-style-type: none"> • anstatt.. zu inf <p><u>Section D – Textbook</u></p> <p>Completing a passage with the vocabulary provided (from the text book)</p> <p>Comprehension (from the text book)</p>	<p>Infinitiv)</p> <ul style="list-style-type: none"> • Personal pronouns in accusative and dative case. <p><u>Section D – Textbook</u></p> <ul style="list-style-type: none"> • Completing a passage with the vocabulary provided (from the text book) • Completing a passage with the vocabulary provided (from the text book) • Comprehension (from the text book)
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