

CLASS XII C
Mid Term Examination Syllabus

English	Biology	Comp. Sc.
<p>Reading Skills Comprehension Passage, Note Making and Summarisation Writing Skills 1. Notice, Poster, Advertisements, Invitations and Replies 2. Formal Letters, Business Letters, Job Application 3. Article, Speech, Report, Debate Literature Flamingo: Prose The Last Lesson, Lost Spring, Deep Water, The Rattrap, Indigo Poetry My Mother at Sixty Six, An Elementary School Classroom in a Slum, Keeping Quiet, A Thing of Beauty, Aunt Jennifer's Tigers, A Roadside Stand Vistas The Third Level, The Tiger King, Journey to the End of the Earth, The Enemy, Should Wizard Hit Mommy, On the Face of it Assessment of Speaking and Listening Skills</p>	<ul style="list-style-type: none"> • Reproduction in Organisms • Sexual Reproduction in Flowering Plants • Human Reproduction • Reproductive Health • Principles of Inheritance and Variation • Molecular Basis of Inheritance • Evolution • Human Health and Disease • Strategies for Enhancement in Food Production • Microbes in Human Welfare 	<p>Programming and Computational Thinking(PCT-Revision of the basics of Python) =>Python revision Tour 1 & II =>Working with Functions: scope, parameter passing, mutable/immutable properties of data objects, pass arrays to functions, return values, functions using libraries: mathematical, and string functions. =>Using Python libraries: create and import Python libraries =>File handling: open and close a file, read, write, and append to a file, standard input, output, and error streams, relative and absolute paths. =>Recursion: simple algorithms with recursion: factorial, Fibonacci numbers; recursion on arrays: binary search =>Idea of Algorithmic efficiency: performance defined as inversely proportional to the wall clock time, count the number of operations a piece of code is performing, and measure the time taken by a program. Example: take two different programs for the same problem, and understand how the efficient one takes less time. =>Data visualization using Pyplot: line chart, pie chart, and bar chart =>Data-structures: lists, stacks, queue DataManagement =>Write a minimal Django based web application that parses a GET and POST request, and writes the fields to a file - flat file and CSV file. Society, Law and Ethics (SLE) Intellectual property rights, plagiarism, digital rights management, and licensing (Creative Commons, GPL and Apache), open source, open data, privacy. Privacy laws, fraud; cyber-crime-phishing, illegal downloads, child pornography, scams; cyber forensics, IT Act, 2000. Technology and society:</p>
<p>Physics Electrostatics, Current Electricity Magnetic effects of current and magnetism Electromagnetic Induction and Alternating Current Optics (Ray Optics), Dual Nature of matter and radiation</p>	<p>Eco Macro economics- *National income accounting *Theory of income and employment *Money and Banking Indian economy- *India on the eve of independence *Economic Planning *Economic reforms *Poverty *Human capital formation *Employment</p>	
<p>Chemistry Solutions Electrochemistry Chemical kinetics Surface Chemistry p-Block Elements d and f Block Elements Haloalkanes and Haloarenes Alcohols , Phenols & Ethers Aldehydes, Ketones and Carboxylic Acids</p>	<p>Math 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 12: Linear Programming</p>	
	<p>Psy Chapter 1: Variations in Psychological Attributes Chapter 2: Self and Personality Chapter 3: Meeting Life Challenges Chapter 4: Psychological Disorders Chapter 5: Therapeutic Approaches Chapter 6: Attitude and Social Cognition</p>	

<p style="text-align: center;">P.Ed</p> <p>UNIT 1 Planning in Sports UNIT 2 Sports and Nutrition UNIT 3 Yoga and Lifestyle UNIT 4 Children with Special Needs UNIT 5 Women & Sports UNIT 6 Test and measurement</p>	<p style="text-align: center;">Fine Art</p> <p>Chapter 1-Rajasthani and Pahari school of miniature paintings: <ul style="list-style-type: none"> • Origin , development and features of Rajasthani and Pahari school of paintings • Famous paintings and artists of Rajasthani and Pahari school of paintings Chapter 2-Mughal and Deccan school of miniature paintings: <ul style="list-style-type: none"> • Origin ,development and features of Mughal and Deccan school of miniature paintings • Famous paintings and artists of Mughal and Deccan school of miniature paintings Chapter 3 -Origin and development of Bengal school of art <ul style="list-style-type: none"> • Indian contemporary artists and their work • Indian national movement and evolution of National flag </p>	<p>understanding of societal issues and cultural changes induced by technology. E-waste management: proper disposal of used electronic gadgets. Identity theft, unique ids, and biometrics. Gender and disability issues while teaching and using computers</p>