

LOYOLA SCHOOL, BHUBANESWAR
SYLLABUS (2023 – 24)

Class XII – A

SUBJECT	HALF YEARLY EVALUATION	PRE BOARD
English Language	<p>Half yearly Evaluation: <u>Total English</u> Practice Paper 2 to 7 Project: Three tests on Functional Grammar and Proposal Writing Classwork/Homework/Classroom Interaction etc. Question pattern – ISC pattern</p>	<p>II Term Evaluation: Half yearly Evaluation + <u>Total English</u> Practice Paper 8 to 15 Project :Three tests on Functional Grammar and Proposal Writing Classwork/ Homework/Classroom Interaction etc. Question pattern – ISC pattern</p>
English Literature	<p>Half yearly Evaluation: Prose- Echoes Quality Fritz The Story of an Hour Poetry - Reverie John Brown The Darkling Thrush Dover Beach Drama - The Tempest Act 3 Project : Three tests on MCQ and give reasons Classwork / Homework/Classroom Interaction etc.</p>	<p>II Term Evaluation: Half yearly Evaluation + Prose - Echoes B. Wordsworth The Singing Lesson Poetry – Reverie The Dolphins Birches The Tempest Act 4 , Act 5 Project : Three tests on MCQ and give reasons Class Work /HomeWork/Classroom Interaction.</p>
Mathematics	<p>Half yearly Evaluation: 100 Marks 1. Relation and Function 2. Inverse trigonometric function 3. Matrices and Determinant 4. Continuity and differentiability of function 5. Differentiation 6. Indeterminate form of limits 7. Mean Value theorem 8. Application of Derivative 9. Maxima and minima 10. Indefinite integral 11. Vectors (OR) Linear Regression 12. Three dimensional Geometry (OR) Linear Programming Question pattern – ISC pattern</p>	<p>II Term Evaluation: 100 Marks Half yearly Evaluation + 1. Definite integral 2. Differential equation 3. Probability (Laws of probability) 4. Baye’s theorem 5. Theoretical Probability Distribution 6. Application of integrals (OR) Linear Programming 7. The plane (OR) Application of Calculus in commerce and Economics Question pattern – ISC pattern</p>
Physics	<p>Half-Yearly Evaluation: 70 Marks 1. Electrostatics 2. Current electricity. 3. Magnetic effects of current and magnetism 4. Electromagnetic induction and alternating current. 5. Electromagnetic waves. Practical: 30mks Question pattern – ISC pattern</p>	<p>Final Evaluation: 70 Marks Half yearly Evaluation + 1. Optics 2. Dual nature of radiation and matter. 3. Atoms and nuclei. 4. Electronic devices 5. Communication systems. Practical: 30mks Question pattern – ISC pattern</p>

Class XII – A

SUBJECT	HALF YEARLY EVALUATION	PRE BOARD
Chemistry	<p>Half yearly Evaluation: 70 Marks</p> <ol style="list-style-type: none"> Solid State. Solutions Electrochemistry Chemical Kinetics Surface Chemistry General Principles And Processes Of Isolation Of Elements P-Block Elements D And F-Block Elements <p>PRACTICALS: 1. QUALITATIVE INORGANIC ANALYSIS 2. TITRATION PRACTICAL AND PROJECT: PRACTICAL TEST-15 MARKS JOURNAL- 5 MARKS PROJECT - 10 MARKS(Average of 3 chapters test) QUESTION PATTERN: ISC QUESTION FORMAT</p>	<p>Pre Board: 70 Marks</p> <ol style="list-style-type: none"> Coordination Compounds Haloalkanes And Haloarenes. Alcohols, Phenols And Ethers Aldehydes, Ketones And Carboxylic Acids Organic Compounds Containing Nitrogen Biomolecules Polymers Chemistry In Everyday Life <p>PRACTICALS : 1. QUALITATIVE INORGANIC ANALYSIS 2. TITRATION PRACTICAL AND PROJECT: PRACTICAL TEST-15 MARKS JOURNAL- 5 MARKS PROJECT - 10 MARKS(Average of 3 chapters test) QUESTION PATTERN: ISC QUESTION FORMAT (FULL SYLLABUS)</p>
Biology	<p>Half yearly Evaluation:70 Marks</p> <p>Ch 1-Reproduction in organism Ch 2- Sexual reproduction in flowering Ch 3-Human Reproduction Ch 4-Reproductive health Ch 5-Principles of inheritance and variation Ch 6-Molecular basis of inheritance Ch 7-Evolution Ch 11-Biotechnology-Principles and processes Ch 12-Biotechnology and its application Practical work:-Taxonomy, Spotting, Biochemical and physiological experiments Project – Practical 30mark Question pattern – ISC pattern</p>	<p>Pre Board: 70 Marks</p> <p>Half yearly Evaluation + Ch 8-Human health and diseases Ch9-Strategies for enhancement of food production Ch 10-Microbes in human welfare Ch 13-Organisms and Populations Ch 14-Ecosystem Ch 15-Biodiversity and its conservation Ch 16-Environmental Issues. Practical work :, Slide preparation. Project work: Investigatory project. Project – Practical 30mark Question pattern – ISC pattern</p>
Computer Science	<p>Half yearly Evaluation: 70 Marks</p> <p>Ch1-(Revising page 1-38),Derivation of Boolean Expression, Minimization of Boolean Expression Ch2-(Revising upto Page -108 Ch3-Ch11 – Revising (except working with String Buffer. Implementation of two-dim array in memory. Ch-12 Concept of Inheritance Ch-13 Simple Data structure</p> <p>Project : Test 1, Test 2, Test 3 [25 Marks] CW/HW - [5 Marks] Paper I: Theory 3 hours (70 marks) Paper II: practical 2hours(30 marks) Question pattern – ISC pattern</p>	<p>Pre Board: 70 Marks</p> <p>Half yearly Evaluation + Ch-14 Recursive Data Structure Ch-15 Computational Complexity</p> <p>Project : Test 1, Test 2, Test 3 [25 Marks] CW/HW - [5 Marks]</p> <p>Paper I: Theory 3 hours (70 marks) Paper II: practical 2hours(30 marks) Question pattern – ISC pattern</p>
	<p>Question Pattern</p> <p>Part – I Short Answer Type Questions : 20 Marks Part – II Section A : Two out of Three : 20 Marks Section B : Two out of Three : 20 Marks Section C : Two out of Three : 10 Marks</p>	