

LOYOLA SCHOOL, BHUBANESWAR
SYLLABUS (2019 – 20)

Class XI – A & B

SUBJECT	HALF YEARLY EVALUATION	FINAL EVALUATION
English Language	Half Yearly Evaluation: <u>Total English</u> Sample papers – 2 to 7 and Essay, report, proposal, functional grammar and comprehension passage.	Final Evaluation: Half Yearly Evaluation + <u>Total English</u> Sample papers – 8 to 15 and Essay, report, proposal, functional grammar and comprehension passage.
English Literature	Half Yearly Evaluation: Tempest Act I Echoes - A Collection of ISC Short Stories i. Salvatore ii. Fritz iii. Quality Reverie - A Collection of ISC Poems i. The Gift Of India ii. The Spider and the Fly	Final Evaluation: Half Yearly Evaluation + Tempest Act II Echoes - A Collection of ISC Short Stories i. A Gorilla in the Guest Room Reverie - A Collection of ISC Poems i. Desiderata ii. John Brom iii. Dolphins
Mathematics	Half Yearly Evaluation: 100 Marks 1. Sets 2. Sequence and series 3. Angles and arc length 4. Trigonometrical Functions 5. Compound and multiple angles 6. Relation and Functions 7. Properties of triangle 8. Mathematical induction 9. Complex number 10. Permutation and combinations 11. Basic concepts of points and coordinates 12. Points and coordinates in 3-dimensions (OR) Correlation Analysis 13. Parabola (OR) statistics	Final Evaluation: 100 Marks Half Yearly Evaluation + 1. Trigonometric Equation 2. Quadratic Equation 3. Inequalities 4. Binomial theorem 5. The straight line 6. Circles 7. Limits 8. Differentiation 9. Measures of dispersion 10. Probability 11. Parabola, Ellipse and hyperbola (OR) index number and moving Average
Physics	Half Yearly Evaluation: 70 Marks 1. Physical world and measurement 2. Kinematics 3. Laws of motion. 4. Work, power and energy. 5. Motion of system of particles and rigid body. Practical: 30 Marks	Final Evaluation: 70 Marks Half Yearly Evaluation + 1. Gravitation. 2. Properties of matter. 3. Heat and thermodynamics. 4. Behaviour of perfect gas. 5. Oscillation and waves. Practical: 30 Marks
Biology	Half Yearly Evaluation: 70 Marks Chapters – 1. Diversity of Living Organisms (i) The Living World (ii) Biological Classification (iii) Plant Kingdom (iv) Animal Kingdom 2. Cell: Structure and Function (i) Cell - the Unit of Life (ii) Biomolecules (iii) Cell Cycle and Cell Division 3. Structural Organisation in Animals and Plants (i) Morphology of Flowering Plants (ii) Anatomy of Flowering Plants (iii) Structural Organisation in Animals Practical: 30 Marks	Final Evaluation: 70 Marks Half Yearly Evaluation + Chapters – 4. Plant Physiology (i) Transport in Plants (ii) Mineral Nutrition (iii) Photosynthesis in higher plants (iv) Respiration in Plants (v) Plant Growth and Development 5. Human Physiology (i) Digestion and Absorption. (ii) Breathing and exchange of gases (iii) Body fluids and circulation. (iv) Excretory products and their elimination (v) Locomotion and Movement (vi) Neural Control and Coordination (vii) Chemical Co-ordination and Integration Practical: 30 Marks

Class XI – A & B

SUBJECT	HALF YEARLY EVALUATION	FINAL EVALUATION
Chemistry	<p>Half Yearly Evaluation: 70 Marks</p> <ol style="list-style-type: none"> 1. Basic concepts of chemistry 2. Structure of atom 3. Classification of elements and periodicity in properties 4. Chemical bonding and molecular structure 5. States of matter 6. Chemical thermodynamics <p>Practicals: Volumetric analysis (titration) Qualitative inorganic analysis</p> <p>Practical and project: Practical test-15 marks Journal- 5 marks Project - 10 marks</p>	<p>Final Evaluation: 70 Marks</p> <p>Half Yearly Evaluation +</p> <ol style="list-style-type: none"> 1. Equilibrium 2. Redox reactions 3. Hydrogen 4. s-block elements 5. p-block elements [Gr-13 & 14] 6. Organic chemistry 7. Hydrocarbons 8. Environmental chemistry <p>Practicals: Volumetric analysis (titration) Qualitative inorganic analysis Preparation of inorganic compounds Paper chromatography</p> <p>Practical and project: Practical test-15 marks Journal- 5 marks Project - 10 marks</p>
Computer Science	<p>Half Yearly Evaluation: 70 Marks</p> <p>Ch 1:Data Representation (Numbers, Encoding) Ch 4: Propositional Logic& HW Ch 8: Introduction to OOPs Concept Ch 9 : Introduction to java Ch 10 : Java Fundamentals Ch 11: Flow of Control Ch 12: Classes in Java Ch 13: Functions (java) Ch 15: Arrays, Sorting</p> <p>Paper I: Theory 3 hours (70 marks) Paper II: practical 2hours (30 marks)</p>	<p>Final Evaluation: 70 Marks</p> <p>Half Yearly Evaluation +</p> <p>Ch 13: Recursion Ch 14: Using Library Classes,String and package Ch 16: Basic I/O Data file handling(Binary and Text) Ch 18: Implementation of algorithm to solve problems Ch 19: Trends in computing and ethical issues</p> <p>Paper I: Theory 3 hours (70 marks) Paper II: practical 2hours (30 marks)</p>
Economics	<p>Half Yearly Evaluation: 80 Marks</p> <ol style="list-style-type: none"> 1. Definition of Economics 2. Basic Concepts of Economics 3. Basic Problems of Economy 4. Types of Economies 5. Solution to the Basic Economic Problems 6. State of Indian Economy on the Eve of Independence 7. Parameters of Development 8. Planned Economic Development in India 9. Structural Changes in Indian Economy 10. Poverty 11. Rural Development 12. Human Capital Formation in India <p>Project : To be discussed in class 20 mark</p>	<p>Final Evaluation: 80 Marks</p> <p>Half Yearly Evaluation +</p> <ol style="list-style-type: none"> 1. Employment Scenario in India 2. Environment and Sustainable Development 3. Economic Growth & Development: A comparison with Chinese Economy 4. Importance of Statistics in Economics 5. Collection of Data 6. Census Method and Sample Method of Collection of Basic Data 7. Organisation of Data 8. Presentation of Data 9. Measures of Central Tendency 10. Dispersion 11. Correlation 12. Index Number & Some Mathematical Tools <p>Project : To be discussed in the class 20 marks</p>
<p>Question Pattern</p> <p>Part – I</p> <p>Short Answer Type Questions : 20 Marks</p> <p>Part – II</p> <p>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> <p>----- 70 Marks</p>		

	Pattern of questions:-sec-a—answer the following questions in two to three sentences(2x10=20m) sec-b-answer the questions in detail(12x5=60) (any 5 questions out of 7)
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LOYOLA SCHOOL, BHUBANESWAR
SYLLABUS (2019 – 20)

Class XI – C

SUBJECT	HALF YEARLY EVALUATION	FINAL EVALUATION
English Language	<p>Half Yearly Evaluation: <u>Total English</u> Sample papers – 2 to 7 and Essay, report, proposal, functional grammar and comprehension passage.</p>	<p>Final Evaluation: Half Yearly Evaluation + <u>Total English</u> Sample papers – 8 to 15 and Essay, report, proposal, functional grammar and comprehension passage.</p>
English Literature	<p>Half Yearly Evaluation: Tempest Act I Echoes - A Collection of ISC Short Stories ii. Salvatore ii. Fritz iii. Quality Reverie - A Collection of ISC Poems iii. The Gift Of India iv. The Spider and the Fly</p>	<p>Final Evaluation: Half Yearly Evaluation + Tempest Act II Echoes - A Collection of ISC Short Stories ii. A Gorilla in the Guest Room Reverie - A Collection of ISC Poems ii. Desiderata ii. John Brom iii. Dolphins</p>
History	<p>Half Yearly Evaluation: 80 Marks SECTION – A Ch 1 – Growth of Nationalism Ch 2 – Emergence of the Colonial Economy Ch 3 – Social and Religious Movement Ch 4 – Protest Movements Against Colonial Rule SECTION – B Ch 7 – Impact of the Second Phase of Industrialization Ch 8 – World War 1 Ch 9 – Peace Settlements after World War – 1 Ch 10 – The Great Depression. Project: 20 Marks (as per the syllabus)</p>	<p>Final Evaluation: 80 Marks Half Yearly Evaluation + SECTION – A Ch 5 – Gandhian Nationalism (1916 - 22) Ch 6 – Gandhian Nationalism (1927 - 34) SECTION – B Ch 11 – Rise of communism Russia Ch 12 – Rise of Fascism Italy Ch 13 – Rise of Nazism Germany Ch 14 – Rise of Militarism (Japan) Project: 20 Marks (as per the syllabus)</p>
Political Science	<p>Half Yearly Evaluation: 100 Marks Chapter 1 : Introduction to Political Science; Meaning and Scope of Political Science Chapter 2 ; Fundamental Concepts of State, Governments, Society & Associations Chapter 3 : Different Theories of the Origin of the State Chapter 4 : Political Ideologies of Liberalism, Socialism, Communism & Fascism Chapter 5 : Sovereignty : Austin’s Theory of Sovereignty & Pluralist Theory Chapter 10 : An Introduction to International Relations Chapter 11 : History of Cold War; Change of power equation in world politics Chapter 12 : Disintegration of soviet Union and its impact on world order</p>	<p>Final Evaluation: 100 Marks Half Yearly Evaluation + Chapter 6 : Law: sources of Law and Kinds of Law Chapter 7 : Liberty; Kinds of Liberty; Relationship with Law and Liberty Chapter 8 : Equality; Kinds of Equality; Relationship between Equality and Liberty Chapter 9 : Justice : Kinds of Justice; Contemporary Theories of Justice Chapter 13 : Unipolar World: US Unilateralism Chapter 14 : Asean and European Union Chapter 15 : Non-alignment Movement</p>

Class XI – C

SUBJECT	HALF YEARLY EVALUATION	FINAL EVALUATION
Mathematics	<p>Half Yearly Evaluation: 100 Marks</p> <ol style="list-style-type: none"> 1. Sets 2. Sequence and series 3. Angles and arc length 4. Trigonometrical Functions 5. Compound and multiple angles 6. Relation and Functions 7. Properties of triangle 8. Mathematical induction 9. Complex number 10. Permutation and combinations 11. Basic concepts of points and coordinates 12. Points and coordinates in 3-dimensions (OR) Correlation Analysis 13. Parabola (OR) statistics 	<p>Final Evaluation: 100 Marks</p> <p>Half Yearly Evaluation +</p> <ol style="list-style-type: none"> 1. Trigonometric Equation 2. Quadratic Equation 3. Inequalities 4. Binomial theorem 5. The straight line 6. Circles 7. Limits 8. Differentiation 9. Measures of dispersion 10. Probability 11. Parabola, Ellipse and hyperbola (OR) index number and moving Average
Computer Science	<p>Half Yearly Evaluation: 70 Marks</p> <p>Ch 1: Data Representation (Numbers, Encoding) Ch 4: Propositional Logic & HW Ch 8: Introduction to OOPs Concept Ch 9 : Introduction to java Ch 10 : java Fundamentals Ch 11: Flow of Control Ch 12: Classes in Java Ch 13: Functions (java) Ch 15: Arrays, Sorting</p> <p>Paper I: Theory 3 hours (70 marks) Paper II: practical 2hours(30 marks)</p>	<p>Final Evaluation: 70 Marks</p> <p>Half Yearly Evaluation +</p> <p>Ch 13: Recursion Ch 14: Using Library Classes, String and package Ch 16: Basic I/O Data file handling(Binary and Text) Ch 18: Implementation of algorithm to solve problems Ch 19: Trends in computing and ethical issues</p> <p>Paper I: Theory 3 hours (70 marks) Paper II: practical 2hours(30 marks)</p>
	Question Pattern	
	<p align="center">Part – I</p> <p>Short Answer Type Questions : 20 Marks</p> <p align="center">Part – II</p> <p>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> <p align="center">----- 70 Marks</p>	
Economics	<p>Half Yearly Evaluation: 80 Marks</p> <ol style="list-style-type: none"> 1. Definition of Economics 2. Basic Concepts of Economics 3. Basic Problems of Economy 4. Types of Economies 5. Solution to the Basic Economic Problems 6. State of Indian Economy on the Eve of Independence 7. Parameters of Development 8. Planned Economic Development in India 9. Structural Changes in Indian Economy 10. Poverty 11. Rural Development 12. Human Capital Formation in India <p>Project : To be discussed in class 20 mark</p>	<p>Final Evaluation: 80 Marks</p> <p>Half Yearly Evaluation +</p> <ol style="list-style-type: none"> 1. Employment Scenario in India 2. Environment and Sustainable Development 3. Economic Growth & Development: A comparison with Chinese Economy 4. Importance of Statistics in Economics 5. Collection of Data 6. Census Method and Sample Method of Collection of Basic Data 7. Organisation of Data 8. Presentation of Data 9. Measures of Central Tendency 10. Dispersion 11. Correlation 12. Index Number & Some Mathematical Tools <p>Project : To be discussed in the class 20 marks</p>
	<p>Pattern of questions:-sec-a—answer the following questions in two to three sentences(2x10=20m) sec-b-answer the questions in detail(12x5=60) (any 5 questions out of 7)</p>	

Class XI – C

SUBJECT	HALF YEARLY EVALUATION	FINAL EVALUATION
Accounts	<p>Half Yearly Evaluation: 80 Marks Ch 1.Introduction to Accounting Ch 2. Basic Accounting Terms 3. GAAP and Basic Accounting Concepts 4. Accounting Standards 5. Bases of Accounting 6. Accounting Equation 7. Journal 8. Ledger 9. Sub-Division of Journal-Cash Book 10. Petty Cash Book 11. Sub Division of Journal 12. Trial Balance Project : 10 Marks CW/HW : 10 marks</p>	<p>Final Evaluation: 80 Marks Half Yearly Evaluation + Ch 13. Bank Reconciliation Statement Ch14. Depreciation Ch15. Provisions and Reserves Ch 16. Bill of Exchange Ch 17. Capital and Revenue Expenditure/Income Ch18. Final Accounts Ch 19. Final Accounts (With Adjustments) Ch 20 Rectification of Errors Ch 21. Accounts from Incomplete Records Ch 22. Non-Trading Organisation Ch 23. Computers in Accounting Project : 10 Marks CW/HW : 10 marks</p>
Commerce	<p>Half Yearly Evaluation: 80 Marks Ch 1 – Nature and purpose of Business Ch 2 – Forms of Business organizations Ch 3 – Social Responsibility of Business and Business ethics Ch 4 – Emerging Modes of Business Project : 20 Marks</p>	<p>Final Evaluation: 80 Marks Half Yearly Evaluation + Ch 1 – Stock Exchange Ch 2 – Trade Ch 3 – Foreign trade Ch 4 – Insurance Project : 20 Marks</p>
Psychology	<p>Half Yearly Evaluation: 70 Marks 1. The Subject Psychology 2. Methods of Psychology 3. Attention and Perception, 4. Learning Project : 30 Marks</p>	<p>Final Evaluation: 70 Marks Half Yearly Evaluation + 1. Memory 2. Emotions and Motivation 3. Thinking, Problem Solving and Creativity. Project : 30 Marks</p>