

LORETO CONVENT, ASANSOL
CLASS XII SYLLABUS 2022 – 2023

Selection

- English:** Language – 1. Composition.
2. Directive writing (article writing, newspaper report, speech, personal profile, statement of purpose, book review, film review, cultural programme review)
3. Proposal writing.
4. Grammar (Transformation of sentences, prepositions, phrasal verbs, tenses)
5. Comprehension.
- Literature – 1. Tempest – Act 4
Act I to 3 will be included.
2. Short Stories (Echoes)
a. To Build a Fire – Jack London
b. The Story of an hour – Kate Chopin
c. The singing lesson – Katherine Mansfield.
3. Poems (Reverie)
a. The Darkling Thrush – Thomas Hardy.
b. Desiderata – Max Ehrmann.
c. Birches – Robert Frost.
d. Desiderata – Max Ehrmann.
- Bengali:** Language – Essay, Comprehension, Bagdhara, Suddha-asuddha, Ek Kathay Prakash, Sentences.
Literature - Koni – Chapter 9 to 12
Godhya Sankalan: Aadab, Lachmaner Ma, Ekti Tulsi Gacher Kahini
Kabita Sankalan – Jodi Nirbashan Dao, Raasta Karor Ekar Noy, swadhinata tumi.
- Hindi:** Literature – Gadya Sankalan – Kya Nirash Hua Jai, Bhaktin, Sanskriti Kya hai
Kavya Manjari – Jaag Tujhko dur jana hai, Uyami Nar, Badal ko ghirte dekha hai
Sara Aakash – Chapter 5 to 8
- Language – Essays, Comprehension, functional grammar, correction of the sentences, using Words/idioms in sentences viz – correct structure with proper agreement of the subject and verb according to the number, gender, case, tense and voice.
- History:** 1) Towards Independence and Partition: The Last Phase.
2) Establishment and Development of the Indian democracy.
3) Challenges to Indian democracy.
4) Changing face of Indian democracy.
5) World War II.
6) De – Colonisation in Asia.
7) Cold War.
8) Protest Movements.
- Geography:** Theory – [70]
1. Locational setting of India.
 2. Geological evolution and structure.
 3. Relief.
 4. Drainage.
 5. Fisheries.
 6. Minerals and power resources.
 7. Agriculture.
 8. Tourism.
 9. Regional Economic Development.
 10. Natural Vegetation.

11. Environmental management & landuse pattern.

12. Transport and Communication.

Mapwork – Map of India (ISC Map)

Practical [30]

i) File (20): a) Scales, b) Representation of relief c) Toposheet.

ii) Viva (10) : Based on the topics done in the file.

- Economics:**
1. Theory of Demand and Elasticity of demand.
 2. Theory of Supply
 3. Theory of Consumer Behaviour.
 4. Market Equilibrium
 5. Theory of Production.
 6. Cost and Revenue Analysis.
 7. Producer's Equilibrium
 8. Forms of Market.
 9. Price and Output determination.
 10. Money and Banking.
 11. Theory of Income and Employment.

- Business Studies:**
1. Introduction to Human Resource Management.
 2. Job and Manpower Planning.
 3. Staff Recruitment.
 4. Staff Selection.
 5. Staff Training.
 6. Staff Morale.
 7. Staff Motivation.
 8. Business Communication.
 9. Current Trends in Business Communication.
 10. Various Business Ethics.
 11. Globalization.
 12. E-Business.
 13. Outsourcing.

- Maths:**
1. Matrices
 2. Determinants
 3. Relation and Functions.
 4. Inverse Trigonometric Functions.
 5. Continuity and Differentiability.
 6. Indeterminate Forms.
 7. Integrals.
 8. Vectors. (Sec B)
 9. Three Dimensional Geometry (Straight Lines – Sec B)
 10. Application of Calculus (Sec C)
 11. Linear Regression. (Sec C)

- Political Science:**
- Section A
1. Forms of Government
 2. Constitution.
 3. Franchise and Representation
 4. Organs of the Government.
 - a. Legislature.
 - b. Executive.
- Section B
1. Indian Constitution.
 2. Fundamental Rights and Directive Principles.

- Physics:**
1. Electrostatics.
 2. Current Electricity.
 3. Magnetic effects of current and magnetism.

4. Electromagnetic induction and alternating currents.
5. Electromagnetic waves.

- Chemistry:**
1. Solution
 2. Electrochemistry
 3. Chemical Kinetics
 4. General principle and process of isolation of elements.
 5. Haloalkanes and Haloarenes
 6. Alcohols, Phenols and Ethers
 7. Aldehydes, Ketones and Carboxylic acid.
 8. p-block elements.
 9. Coordination compounds.

- Biology:**
1. Reproduction:
 - i) Reproduction in organisms
 - ii) Sexual reproduction in flowering plants.
 2. Genetics and Evolution:
 - i) Principles of inheritance and variation.
 - ii) Evolution.
 3. Biology and Human Welfare:
 - i) Human Health and diseases.
 - ii) Strategies for enhancement in food production (to be contd.)
 4. Biotechnology and its Application :
 - i) Biotechnology – Principles and processes.
 - ii) Biotechnology and its applications.(to be contd.)
 5. Ecology and Environment:
 - i) Organisms and Populations.
 - ii) Ecosystem.

- Practical:
1. Taxonomy: Study of floral characteristics.
 2. Simple biochemical and physiological experiments. (to be contd.)
 3. Slide preparation. (to be contd.)
 4. Spotting (to be contd.)

- Computer:**
1. Boolean Algebra.
 2. Computer Hardware.
 3. Implementation of algorithms to solve problems.
 4. Programming in JAVA (Revision of class XI)
 5. Objects.
 6. Primitive values, wrapper classes, types and casting.
 7. Variables, Expression.

- Accountancy:**
1. Partnership:
 - a. Admission.
 - b. Retirement.
 - c. Death.
 - d. Dissolution.
 2. Cash Flow Statement.
 3. Ratio Analysis.

- Commerce:**
1. Business Environment.
 2. Financing.
 3. Marketing.

- Games:**
1. Meditation and Pranayam.
 2. March Past.
 3. Indoor Games
 4. Yogasana

5. Basket Ball
6. Throw Ball
7. Badminton
8. Table Tennis.

- S.U.P.W.:**
1. Cushion cover making.
 2. File making.

Mock Examination

- English:** Language – Same as of First Term.
 Literature – 1. Tempest (Entire Book Act 1 –Act 5)
 2. Short Stories (Echoes) – The Sound Machine – Roald Dahl
 B. Wordsworth – V. S. Naipaul.
 Including all the stories done in class XI and term I.
 3. Poems (Reverie)
 a. Dover Beach – Mathew Arnold.
 b. We are the Music Makers – Arthur William
 c. Edgar O’ Shaughnessy
 d. Including all the poems done in Class XI and Term I.

- Bengali:** Language: Essay, Comprehension, Bagdhara, Asuddhi Sangsodhan, Grammar revision.
 Literature:
 Koni – Chapter 13 to 14
 Goddya Sankalan: Na Paharar Parikhsha
 Kabita Sankalan – Noon.

- Hindi:** Literature – Gadya Sankalan – Majboori and full syllabus.
 Kavya Manjari – Andhere ka Deepak and full syllabus.
 Sara Aakash – Chapter 9 to 10 and full syllabus.
 Language – Essays, Comprehension, functional grammar, correction of the sentences, using Words/idioms in sentences viz – correct structure with proper agreement of the subject and verb according to the number, gender, case, tense and voice.

- History:**
- 1) India’s Foreign Policy.
 - 2) Movements for Women’s Rights.
 - 3) Middle East Israeli – Patestine Conflict.
 - 4) Revision of the entire syllabus.

- Geography:** Theory – [70]
 1. Climate
 2. Industries.
 3. Population.
 4. Demographic attributes.
 4. Migration.
 5. Water resources and types of irrigation.
 6. Urban settlements.
 7. Rural settlement.
 Map – Map of India (ISC)
 Practical (30):
 i) File (10): Plane table survey.
 ii) Revision and correction of 1st term topics.
 iii) Viva (10): From practical file and project.
 iv) Project work (10): From among the topics given in the syllabus.

- Economics:**
1. Circular Flow of Income.
 2. National Income.
 3. Measurement of National Income.

4. Balance of Payments.
 5. Public Finance (Fiscal Policy)
 6. Government Budget.
- All the chapters in the ISC syllabus.

- Business Studies:**
1. Staff Remuneration.
 2. Staff Leadership.
 3. Staff Appraisal.
 4. Staff Promotion and Transfer.
 5. Staff Separation.
 6. Emerging Trends in Human Resource.
 7. Business Correspondence.
 8. Sources of Business Finance.
 9. Types of Outsourcing.
 10. Online means of Conducting Business.
 11. Business Regulators and Intermediaries.
- Selection Portion Included.

- Maths:**
1. Application of Derivatives.
 2. Differential Equations.
 3. Probability.
 4. Integrals (Contd)
 5. Application of Integrals. (Sec B)
 6. Three Dimensional Geometry. (Planes – Sec B)
 7. Linear Programming (Sec C)
- [Entire Syllabus]

Political Science: Full Syllabus – According to the Council.

- Physics:**
1. Optics.
 2. Dual nature of radiation and matter.
 3. Atoms and Nuclei.
 4. Electronic Devices.
 5. Communication systems.

- Chemistry:**
10. Organic compounds containing nitrogen.
 11. Solid State.
 12. Biomolecules.
 13. Polymers.
 14. Chemistry in everyday life.
 15. d and f block elements.
 16. Surface Chemistry.

- Practical:
1. Titration.
 2. Study of Rate of Reaction.
 3. Qualitative Analysis.
 4. Identification of the Functional Group.
 5. Protein and Carbohydrates.

- Biology:**
1. Reproduction:
 - i) Human Reproduction.
 - ii) Reproductive Health.
 2. Genetics and Evolution:
 - i) Molecular Basis of Inheritance.
 3. Biology and Human Welfare:
 - i) Strategies for enhancement in food production
 - ii) Microbes in Human Welfare.
 4. Biotechnology and its Applications:
 - i) Biotechnology and its application.

5. Ecology and Environment:

- i) Biodiversity and its Conservation.
- ii) Environmental issues.

- Practical:
- 1. Simple Biochemical and physiological experiments.
 - 2. Slide preparation
 - 3. Spotting.

(Revision of all chapters covered in Selection Examination including practicals)

Computer:

- 1. Statements, scope.
 - 2. Methods
 - 3. Arrays, strings.
 - 4. Recursion.
 - 5. Data Structure.
- Practical

- Accountancy:**
- 1. Joint Stock Company Accounts.
 - 2. Financial Statement Analysis.
Selection Portion Included.

- Commerce:**
- 1. Management + Selection Portion.

- Games:**
- 1. Baseball.
 - 2. Cricket
 - 3. Dossball.
 - 4. Shot Put.
 - 5. Discuss Throw.
 - 6. Volleyball.
- Including 1st Term

- S.U.P.W.:**
- 1. Bottle Craft.
 - 2. Scarf or dupatta styling.

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