

# **PRE BOARD SYLLABUS 2020-2021**

## **CLASS – XII**

### **ENGLISH**

#### **ENGLISH LANGUAGE**

1. Composition- As per ISC guidelines
2. Directed Writing- Article, Speech , Newspaper Report, Personal Profile, Statement of Purpose Review of Cultural Programme, book and film
3. Proposal Writing
4. Grammar
5. Comprehension

1. Revision of the entire ISC Language Syllabus
2. Solving model question papers
3. Any other relevant practice in language as per the ISC Directive.

#### **ENGLISH LITERATURE**

##### **I. The Tempest- Acts 1-5**

##### **II. Echoes- A Collection of ISC Short Stories**

1. Salvatore-Salvatore-W. Somerset Maugham
2. Fritz- Satyajit Ray
3. Quality-John Galsworthy
4. The Story of an Hour-Kate Chopin
5. The Chinese Statue- Jeffrey Archer
6. A Gorilla in the Guest Room-Gerald Durrell
7. The Singing Lesson-Katherine Mansfield
8. The Sound Machine- Roald Dahl

##### **III. Reverie-A Collection of ISC Poems**

1. The Darkling Thrush- Thomas Hardy
2. The Dolphins- Carol Ann Duffy
3. The Gift of India- Sarojini Naidu
4. Crossing the Bar-Lord Alfred Tennyson
5. John Brown- Bob Dylan
6. Desiderata- Max Ehrmann
7. Dover Beach- Matthew Arnold
8. The Spider and the Fly- Mary Botham

## BENGALI (বাংলা)

### **Language (ভাষা)**

বানান সংশোধন

বাক্য সংশোধন

বাগধারা

বাচ্য পরিবর্তন

বাক্য পরিবর্তন

এককথায় প্রকাশ

প্রবন্ধ রচনা

বোধ পরীক্ষণ

### **Literature**

#### **উপন্যাসঃ** কোনি (সম্পূর্ণ)

**গদ্যঃ** ১। ঠাকুরদা

২। জোড়াসাঁকোর ধারে

৩। তাসের ঘর

৪। অনাচার

৫। রেকর্ড

৬। বীরশুভ্রা

৭। আদাব

৮। লছমেনেরমা

**পদ্যঃ** ১। ওরা কাজ করে

২। পূব পশ্চিম

৩। বনলতা সেন

৪। বর্ণপরিচয়

৫। সালেমেনেরমা

৬। রাস্তা কারও নয় একার

৭। স্বাধীনতাতুমি

৮। নুন

## HINDI

### गद्य

- गौरी
- क्या निराशहू आजाए
- शरणागत

### पद्य

- बाललीला
- बादल को घिरते देखाहै
- आधरती कितना देती है
- जाग तुझको दूर जाना है
- आषाढ का एकदिन (नाटक)
- निबंध ,अपठित गद्यांश , मुहावरे और वाक्य शुद्धिकरण

Full syllabus of first term is also there

## BIOLOGY

1. Sexual Reproduction in Flowering Plants
2. Human Reproduction
3. Reproductive Health
4. Principles of Inheritance and Variation
5. Molecular Basis of Inheritance
6. Human Health and Diseases
7. Microbes in Human Welfare
8. Biotechnology - Principles and Processes
9. Biotechnology and Its Applications
10. Organisms and Populations
11. Biodiversity and its Conservation

## PHYSICS

Electrostatics (4 chapters)

Current electricity (2 chapters)

magnetic effect of current(3 chapters)

Emi & alternating current (2 chapters)

E.m waves (1 chapter)

Optics ( ray optics > 3 chapters , wave optics > 3 chapters)

Dual nature of radiation and matter ( 2 chapters)

Atoms & nuclei ( 4 chapters)

Electronic devices ( 2 chapters)

**(NOTE: Topics from a chapter is as per as the syllabus given by Council)**

## CHEMISTRY

1. Solid state

2. Solutions

3. Electrochemistry

4. Chemical Kinetics

5. Surface Chemistry

6. General principles and processes of isolation of elements

7. p-block elements

8. d& f block elements

9. Coordination compounds

10. Haloalkanes and Haloarenes

11. Alcohols, Phenols and Ethers

12. Aldehydes ,Ketones and Carboxylic acids

13. Organic compounds containing Nitrogen

14. Biomolecules

15. Chemistry in everyday life

ALL CHAPTERS OF FIRST TERM TO BE INCLUDED IN THE 2<sup>nd</sup> term AS PER BOARD NORMS.

# MATHEMATICS

## **Section- A**

1. Relations and Functions
2. Matrices
3. Determinants (Properties of determinants have been excluded from the syllabus; one should know how to expand the Determinant)
4. Inverse Trigonometric Functions
5. Differentiation (1 st Order and 2 nd order)
6. Limits (By L'hospital's Rule) (only 0/0 and form)
7. Application of Derivatives: Tangents and Normals, Increasing and Decreasing Functions, Maxima and Minima)
8. Integration (Indefinite Integrals and Definite Integrals)
9. Differential Equations
10. Probability

## **Section- B**

1. Vector
2. 3-D Geometry
3. Application of Integration (Area under the curves/lines)

## **Section- C**

1. Linear Regression
2. Linear Programming Problems
3. Application of Calculus in Commerce and Economics

# ACCOUNTS

1. Issue of Shares
2. Issue of Debenture
3. Redemption of debenture
4. Partnership Accounts
  - a. Fundamentals of Partnership.
  - b. Goodwill – Concept and Mode of Valuation.
5. Reconstitution of Partnership
  - a. Admission of Partner
  - b. Retirement of Partner
  - c. Dissolution of Partnership Firm.

6. Final Accounts of Companies- Application of Schedule III, Part I of Companies Act 2013.
  7. Financial Statement Analysis.  
Comparative and Common Size Balance Sheet and Income Statement.
  8. Ratio Analysis
  9. Cash Flow Statement.
  10. Project work
- For details please refer Scope of Syllabus (Revised)

## **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. Staff Remuneration
9. Staff Leadership
10. staff Appraisal
11. Staff promotion and transfer
12. Staff separation
13. Emerging Trends in Human resources
14. Communication.
15. Business Correspondence
16. Reports and Report Writing
17. Globalisation
18. E-Business
19. Outsourcing

# COMMERCE

## MARKETING

1. Marketing Concepts and Functions Meaning and types of markets; meaning and features of marketing. Comparison between marketing and selling. Objectives and importance of marketing; functions of marketing – meaning, features of each function of marketing.
2. Marketing Mix – Meanings and Elements.
3. Product Mix - goods and services - meaning, features and types of goods; meaning, features of services; difference between product and services. Branding: meaning and merits. Labelling: meaning and merits. Packaging: meaning and features of good packaging.
4. Price Mix – meaning, factors determining price.
5. Place Mix – meaning, channel of distribution choice of channels of distribution and physical distribution.
6. Promotion Mix – Meaning and elements.
7. Elements – Advertising, sales promotion, personal selling and publicity – meaning, features, objectives and differences.

## CONSUMER PROTECTION

Rights of consumers, methods of consumer protection. Need for consumer protection; rights of consumers; methods of consumer protection – self-help, legislative measures and consumer associations/NGOs, Consumer Protection Act, 1986

- Entire First Term Syllabus is also included in the Second Term.

## PROJECT :

Project 3 . Visit a commercial Bank. Find out the procedure to open a savings account.

# ECONOMICS

- Ch 2: Demand and Law of demand
- Ch 3: Theory of Consumer Behaviour
- Ch 4: Elasticity of demand
- Ch 5: Supply and Law of supply
- Ch 6: Market Mechanism
- Ch 7: Laws of Return
- Ch 8: Cost and Revenue Analysis
- Ch 9: Forms of Market structure
- Ch 12: Theory of Income and Employment
- Ch 13: Money
- Ch 14: Bank
- Ch 15: Balance of Payments
- Ch 16: Fiscal Policy
- Ch 17: Government Budget
- Ch 18: Circular flow of Income
- Ch 19: National Income Aggregates

## **COMPUTER SCIENCE**

### FIRST TERM REVISION

Ch 1 – Boolean Algebra  
Ch 2 – Computer Hardware  
Ch 3 – Objects And Classes  
Ch 5 – Primitive Values, Type Casting And Expressions  
Ch 6 – Statements, Control Structure And Scope  
Ch 7 – Functions/Methods  
Ch 8 – Arrays And Strings  
Ch 11 – Recursion  
Ch 12 – Concept Of Inheritance(Except Abstract Classes and Interfaces)  
CH 13 – Simple data structure(including binary tree, tree traversals)  
Abstract methods  
Abstract class  
Interface

## **ENVIRONMENTAL SCIENCE**

Human Beings & Nature.  
Population Ecology.  
Conservation Ecology.  
Pollution Monitoring.  
The Third World Development.  
Sustainable Agriculture.  
Environmental & Natural Resource Economics.  
International Relations And The Environment.

## **GEOGRAPHY**

Minerals and power resources  
Transport and communication  
Industries  
Tourism Industry  
Regional economic development  
Map Work  
• Resources of India • Agriculture • Minerals • Power resources • Industries • Transport • Ports  
Hinterland  
Case studies  
Note: First term syllabus included



# **HISTORY**

## **INDIAN HISTORY \*\***

Naxal Movement

Return of Congress to power (1979-1986)

a) Punjab, Separatist Movement

b) Demands in the North-East

Indian Foreign Policy

a) NAM

b) Sino-Indian War (1962)

## **WORLD HISTORY \*\***

Protest Movements

a) Anti-Apartheid Movement in South Africa (1948-1994)

b) Feminist Movement in USA (early 1960's – early 1980's)

Middle East: Israeli-Palestine conflict (1916-1993)

\*\* All the chapters of the First Term will also be included.

# **POLITICAL SCIENCE**

## **Section A**

1. Franchise & Representation

2. Organs of Government – The Legislature

3. Organs of Government – The Judiciary

## **Section B**

4. Democracy in India (Regionalism)

All the chapters from the first term will be included in the second term, as per the syllabus issued by the council

## **HOME SCIENCE**

1. Food preparation---unit 1
2. Food preservation and storage---unit 2
3. Meal planning---unit 3
4. Resource management---unit 4
5. Consumer protection---unit 5
6. Human development---unit 6
7. Textiles and Clothing---unit 7

The entire board syllabus will be tested.

## **PHYSICAL EDUCATION**

1. Sociological Aspect of Physical Education
2. Training Methods
3. Career Aspect in Physical Education
4. Competition and Tournaments
5. Health Education and Health Problems
6. Sports Injuries and First Aid
7. Basketball
8. Badminton

## **PSYCHOLOGY**

1. Intelligence and Ability
2. Personality
3. Life span Development
4. Stress and stress management
5. Psychological Disorder and psychotherapy
6. Social Thought and social behavior
7. Attitude, Prejudice and stereotype
8. Applications of Psychology
9. 2 projects

## **SOCIOLOGY**

1. Social Stratification – Caste, Class, Gender
2. Social Change and Development – definition and features, aspects, social movements, role of education, role of mass media
3. Entire First Term Syllabus