

PRE BOARD SYLLABUS 2020-2021

CLASS – X

ENGLISH

ENGLISH LANGUAGE :- 1. COMPOSITION

2. UNSEEN COMPREHENSION

3. LETTER WRITING (FORMAL & INFORMAL)

4. NOTICE & EMAIL WRITING

5. FUNCTIONAL GRAMMAR (TENSES, PREPOSITION,

JOINING SENTENCES & TRANSFORMATION OF

SENTENCES)

ENGLISH LITERATURE -

THE MERCHANT OF VENICE :-ACT I , ACT II, ACT III & ACT IV

POETRY :- 1. THE HEART OF THE TREE

2. THE BANGLE SELLERS

3. AFTER BLENHEIM

4. TELEVISION

5. DAFFODILS

6. THE PATRIOT

7. THE COLD WITHIN

8. NINE GOLD MEDALS

PROSE :- 1. CHIEF SEATTLE’S SPEECH

2. OLD MAN AT THE BRIDGE

3. A HORSE AND TWO GOATS

4. HEARTS AND HANDS

5. A FACE IN THE DARK

6. AN ANGEL IN DISGUISE

7. THE LITTLE MATCH GIRL

8. MY GREATEST OLYMPIC PRIZE

HINDI

गद्य

महायज्ञ का पुरस्कार (पुनरावृत्ति)

दो कलाकार (पुनरावृत्ति)

बात अठन्नी की (पुनरावृत्ति)

नेताजी का चश्मा (पुनरावृत्ति)

बड़े घर की बेटी (पुनरावृत्ति)

भेड़े और भेड़िये(पुनरावृत्ति)

पद्य

सूर के पद (पुनरावृत्ति)

चलना हमारा काम है (पुनरावृत्ति)

साखी (पुनरावृत्ति)

स्वर्ग बना सकते हैं (पुनरावृत्ति)

वह जन्मभूमि मेरी (पुनरावृत्ति)

मेघ आए (पुनरावृत्ति)

विनय के पद (पुनरावृत्ति)

व्याकरण

अपठित गद्यांश

निबंध

पत्र (औपचारिक तथा अनौपचारिक)

वाच्य

वाक्य

काल

तत्सम -तद्भव,व्यावहारिक व्याकरण

BENGALI

Language (ভাষা)

- ১) বাক্য গঠন
- ২) সাধু ও চলিত ভাষা
- ৩) ধ্বন্যাত্মক শব্দ ও শব্দদ্বৈত
- ৪) বাগধারা
- ৫) একই শব্দের বিভিন্ন অর্থে ব্যবহার
- ৬) প্রত্যয়
- ৭) উপসর্গ
- ৮) সমার্থক শব্দ
- ৯) বিপরীত শব্দ
- ১০) পদান্তর
- ১১) লিঙ্গ
- ১২) বাক্য পরিবর্তন
- ১৩) বাচ্য পরিবর্তন
- ১৪) উক্তি পরিবর্তন
- ১৫) ছেদচিহ্ন
- ১৬) প্রবাদ প্রবচন
- ১৭) এককথায় প্রকাশ
- ১৮) প্রবন্ধ রচনা
- ১৯) পত্ররচনা (ব্যক্তিগত ও ব্যবসায়িক)
- ২০) বোধ পরীক্ষণ

Literature

গদ্যঃ ১) গিগ্লি

- ২) লালু
- ৩) বামা
- ৪) ক্যানভাসার
- ৫) অসহযোগী
- ৬) গন্ধটা খুব সন্দেহজনক
- ৭) লোকটি

পদ্যঃ ১) সভ্যতার প্রতি

- ২) কুলি-মজুর
- ৩) সিঁড়ি
- ৪) ফুল ফুটুক না ফুটুক
- ৫) অমলকাণ্ডি
- ৬) বাবু বলেন
- ৭) থো থো

MATHEMATICS

REDUCED PORTIONS OF ICSE X SYLLABUS

ALGEBRA

Proportion – Direct simple applications on proportions.

COORDINATE GEOMETRY

Equation of Straight Line – parallel lines and perpendicular lines.

GEOMETRY

Similarity -Maps and models

Circles – Proof of Circle theorems.

MENSURATION - sphere

TRIGONOMETRY

Heights & Distances –Cases involving more than two right angled triangles .

STATISTICS

Measures of Central Tendencies –Mean can be found by any one of the three methods.

CHAPTERS/TOPICS ELIMINATED COMPLETELY

- Share and Dividends
- Locus
- GP
- Ratio
- Constructions

BIOLOGY

1. STRUCTURE OF CHROMOSOME, CELL CYCLE & CELL DIVISION.
2. ABSORPTION BY ROOTS.
3. TRANSPIRATION.
4. PHOTOSYNTHESIS.
5. THE CIRCULATORY SYSTEM.
6. THE EXCRETORY SYSTEM.
7. THE ENDOCRINE SYSTEM.
8. THE NERVOUS SYSTEM.
9. SENSE ORGANS [EAR & EYE].

PHYSICS

1. Force
 2. Work, Energy & Power
 3. Machines
 4. Refraction at plane surfaces
 5. Refraction through lenses
 6. Spectrum (Scattering excluded)
 7. Sound
 8. Current Electricity
 9. Household Circuits (part A excluded)
 10. Calorimetry
 11. Radioactivity
- (NOTE: Topics from a chapter is as per as the syllabus given by Council)

CHEMISTRY

1. Periodic Table and periodic properties.
 2. Chemical Bonding.
 3. Acids bases and salts.
 4. Analytical and practical chemistry (Theory)
 5. Mole concepts and Stoichiometry.
 6. Electrolysis.
 7. Metallurgy.
 8. Study of compounds –
 - a. Hydrogen chloride
 - b. Nitric acid
 - c. Sulphuric acid
 - d. Ammonia
 9. Introduction to Organic Chemistry (till specified in class)
- (THE SUBTOPICS OF ALL THE ABOVE MENTIONED CHAPTERS WILL BE AS PER THE REVISED SYLLABUS)

HISTORY & CIVICS

1. The Union Legislature
2. The Union Executive: President
3. Prime Minister & the Council of Ministers
4. The Judiciary: The Supreme Court
5. The Revolt of 1857
6. Factors Promoting the Growth of Nationalism
7. Objectives & Methods of struggle of the Early Moderates
8. Second Phase of the Indian National movement
9. The Muslim League: objectives
10. Mahatma Gandhi & his mass movements
11. Subhash Chandra Bose, Forward Bloc & His INA
12. Independence & Partition
13. The First World War
14. The Second World War
15. The United Nations : Objectives & names & fullforms of its agencies

[NOTE: Sub-Topics of each of the chapters to be covered as per the “Further Reduced Syllabus” issued by the Council]

GEOGRAPHY

1. Climate
2. Soil Resources
3. Natural Vegetation
4. Water Resources
5. Mineral and Energy Resources
6. Agriculture (Indian agriculture, Agricultural season, Food crops and cash crops)
7. Manufacturing Industries (Agro based- sugar, textile(cotton). Mineral based(Iron and steel (TISCO, Rourkella, Vishakahpattanam) . Petrochemical and electronics.
8. Transport
9. Waste Management
10. Map of India
 - (i) Mountains, Peaks and Plateaus
 - (ii) Plains
 - (iii) Desert
 - (iv) Rivers
 - (v) Water Bodies
 - (vi) Passes
 - (vii) Latitude and Longitudes
 - (viii) Direction of Winds
 - (ix) Distribution of Minerals
 - (x) Soil Distribution
 - (xi) Cities
 - (xii) Population
11. Interpretation of Topographical Maps
 - (a) Locating features with the help of a four-figure grid reference.
 - (b) Definition of contour and contour interval. Identification of landforms marked by contours (steep slope, gentle slope), triangulated height, spot height, benchmark, relative height/ depth.
 - (c) Interpretation of colour tints used on a topographical survey of India map.
 - (d) Identification and definition of types of scale given on the map. Measuring direct/shortest distances and calculating area using the scale given therein.
 - (e) Marking directions between different locations, using eight cardinal points.
 - (f) Identify: Site of prominent villages and/or towns, types of land use / land cover and means of communication with the help of the index given at the bottom of the sheet.
 - (g) Identification of drainage (direction of flow and pattern) and settlement patterns.
 - (h) Identification of natural and man-made features.

COMMERCIAL STUDIES

1. Stakeholders in Commercial Organisation
2. Marketing and Sales
3. Advertising and Sales Promotion
4. Consumer Protection
5. E - Commerce
6. Capital and Revenue Expenditure / Income
7. Final Accounts of Sole Proprietorship
8. Sources of Finance
9. Banking

ECONOMIC APPLICATION

- 1: Demand: Law of demand and determinants of demand
- 2: Supply : Law of supply and determinants of supply
- 3: Elasticity of demand and supply
- 4: Factors of Production: Land and Labour
- 5: Factors of Production: Capital and Entrepreneur
- 6: Forms of Market Structure
- 7: Role of State in Economic Development
- 9: Money and Inflation
- 10 :Banking: Commercial and Central Bank

COMPUTER APPLICATION

1. Revision of Class IX Syllabus
2. Class as the basis of all Computation(Objects and Classes)
3. User-defined Methods
4. Constructors
5. Library Classes
6. Arrays (Only Single Dimensional Array)
7. String Handling

HOME SCIENCE

1. Role of the family, Peer Group and School
2. Personal Hygiene
3. Balanced Diet
4. Meal Planning for the family
5. Storages and preservation of food
6. Laundering

PHYSICAL EDUCATION

1. Human Growth and Development
2. Physical Education
3. Body Types
4. Physical Fitness
5. Sports Training
6. Safety in Sports
7. Basketball
8. Badminton

ENVIRONMENTAL STUDIES

1. Controlling Air Pollution
2. Addressing population
3. Managing Urban Environment
4. Managing Soil and Land
5. Food
6. Biodiversity
7. Energy
8. Waste
9. Environment and development
10. Towards sustainable future.

(Chapters 1 to 6 are revision of first term)