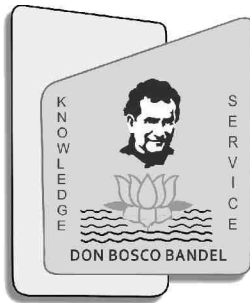


# **Don Bosco School, Bandel**

**P.O. & Dist. Hooghly - 712 103**



*SYLLABUS - 2021-22*

**CLASS - 10**

## **MORAL SCIENCE**

### **1ST TERM**

As done in the class.

### **2ND TERM**

As done in the class.

## **CATECHISM**

### **1ST TERM**

#### **Chapter & Topic**

- Ch 1 Christian Prayers
- Ch 2 Importance of Eucharistic Celebration
- Ch 3 The Parable of the Sower
- Ch 4 The Parable of the Salt and Light
- Ch 5 The Parable of the Mustard Seed and Yeast
- Ch 6 The Parable of the Unforgiving Servant
- Ch7 The Birth of Christ

#### **Revision**

**1st Assessment : All the chapters of the 1st Term.**

### **2NDTERM**

- Ch 8 Importance of the Bible
- Ch 9 The Ten Commandments
- Ch 10 The Parable of the Two Sons
- Ch11 The Parable of the Wicked Tenants
- Ch 12 The Parable of the Good Samaritan
- Ch 13 The Death Of Christ

#### **Revision**

**2nd Assessment : All the chapters of 2nd Term.**

## **ENGLISH LANGUAGE**

### **1st TERM**

1. Composition - Descriptive
2. Letter - Friendly
3. Grammar
  - i) Prepositions

- ii) Subject Verb agreement
- iii) Tenses
- 4. Letter - Formal
- 5. Comprehension with Precis- Practice Paper 2
- 6. Grammar
  - i) Transformation of Sentences
  - ii) Synthesis of Sentences - Practice Paper 2 and 3
- 7. Composition- Narrative
- 8. Notice - Practice Paper 4
- 9. E-mail Writing
- 10. Letter (Formal)- Applications and Invitations
- 11. Grammar
  - i) Transformation of Sentences
  - ii) Active and Passive Voice
  - iii) Direct and Indirect Speech
  - iv) Degrees of comparison of adjectives
  - v) Removal of 'Too'; Use of 'so.....that', 'Hardly....when';  
No sooner.....than', etc
- 12. Composition- Argumentative, Picture composition
- 13. Grammar- Practice Paper 5 and 6

**1st Unit Test** : Grammar - Transformation of sentences, prepositions.  
Letter - Formal.

**1st Assessment: All topics covered in the first term.**

### 2ND TERM

- 1. Composition : Short Story Writing
- 2. Comprehension: Practice Paper 7 and 8
- 3. Letters of complaint- (Formal and Semi-Formal)
- 4. Notice and E-mail Writing (Revision)
- 5. Grammar :
  - i) Synthesis of Sentences
  - ii) Prepositions
  - iii) Transformation of Sentences
- 6. Comprehension with precis- Practice Paper 9
- 7. Practice Papers 10 to 15 and other ICSE Test Papers

**Revision Test** : Comprehension, Letter[ formal/friendly], Notice, E-mail Writing, Synthesis of sentences, prepositions.

**Pre-Board complete ICSE Syllabus**

## ENGLISH LITERATURE

### 1ST TERM

<b>Topic</b>	<b>Text</b>
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Drama:	MOV: Act 2 Sc 6, 7, 8
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Prose:	The Little Match Girl
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Poetry:	Abou Ben Adhem
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Drama:	MOV: Act2 Sc 9, Act 3 Sc 1
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Prose:	The Blue Bead
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Poetry:	The Patriot
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Drama:	MOV: Act 3 Sc 2, 3
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Prose:	All Summer in a Day
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Poetry:	I Know Why the Caged Bird Sings
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Drama:	MOV: Act 3 Sc 4, 5
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Prose :	My Greatest Olympic Prize
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Poem:	Nine Gold Medals
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Drama:	MOV: Act 4 Sc 1, 2
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Prose:	Chief Seattle's Speech
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Poem:	The Heart of the Tree
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<b>1st Unit Test:</b>	Drama: MOV Act 2 Sc 6, 7, 8, 9
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	Poetry: Abou Ben Adhem
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**1st Assessment: All chapters in the First Term**

### 2nd TERM

Drama:	MOV: Act 5 Sc 1
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Prose:	Revision of class IX portions
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Poem:	Revision of class IX portions
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Drama:	Revision (the entire play)
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Prose:	Revision of entire syllabus
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Poem:	Revision of entire syllabus
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<b>Revision Test :</b>	Drama MOV: Act 2,3 and 4
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	Prose: A Horse and Two Goats, The Blue Bead
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	Poetry: After Blenheim, The Patriot
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**Pre Board Exam: Entire ICSE syllabus 2022(as per Council website)**

# MATHEMATICS

## 1st TERM

### Chapter & Topic

1. Linear Inequations.
2. Quadratic Equations in one Variable.
3. Goods and Service Tax (GST).
4. Banking: Recurring Deposit Accounts.
5. Ratio and Proportion.
6. Factorization of Polynomials.
7. Arithmetic and Geometric Progressions.
8. Probability.
9. Reflection.
10. Section and Mid-Point Formula.
11. Equation of a Straight Line.
12. Trigonometric Identities.
13. Heights and Distances.

**PROJECT-I:** Survey of Various types of Bank account, rates of interest offered.

**1st UNIT TEST :** Linear Inequations and Quadratic Equations in one Variable.

**FIRST ASSESSMENT : Entire First Term Portion**

## 2nd TERM

14. Matrices.
15. Shares and Dividends.
16. Similarity.
17. Loci.
18. Surface Area and Volume of Solids: Cylinder, Cone and Sphere.
19. Measures of Central Tendency: Mean, Median and Mode.
20. Graphical Representation: Histogram and Less than Ogive.
21. Circles- Angle and Cyclic Properties
22. Circles-Tangent and Secant Properties of Circle.
23. Constructions.

**PROJECT-II:** Statistical Analysis.

**REVISION TEST:** Matrices, Trigonometric identities and Arithmetic and Geometric Progressions.

**PRE-BOARD EXAMINATION: Entire ICSE-2022 syllabus.**

**\*NB: Refer to ICSE Council Syllabus-2022 for Details.**

## PHYSICS

### 1st TERM

#### **Chapter & Topic**

1. Force
2. Work , Energy and Power
3. Machines
4. Refraction of Light at Plane Surfaces
5. Refraction through a Lens
6. Spectrum
7. Sound
11. Calorimetry

**1st UNIT TEST :** Force, Work, Energy & Power, Machines.

**First Assessment- Entire First term syllabus**

### 2nd TERM

8. Current Electricity
9. Household Circuits
10. Electromagnetism
12. Radioactivity

#### **Revision Test:**

Refraction of Light at Plane Surfaces, Refraction through a lens, Spectrum, Sound, Current Electricity, Household Circuits, Calorimetry.

**Pre-board: Entire syllabus of 1st and 2nd Term**

## CHEMISTRY

### 1st TERM

#### **Chapter & Topic**

1. Periodic table, Periodic properties and variations of properties
4. Analytical chemistry
5. Mole concept and stoichiometry
3. Acids, bases and salts
2. Chemical Bonding
6. Electrolysis
8. Hydrochloric acid
9. Ammonia
7. Metallurgy

**Unit Test 1:** Chapter 1, 4 and 5

**First Assessment:** Chapters 1, 2, 3, 4, 5, 6, 7, 8, 9

- Project:**
1. Action of heat on: copper carbonate, Zinc Carbonate, Zinc Nitrate, Copper Nitrate, Lead nitrate.
  2. Action of Sodium hydroxide and ammonium hydroxide solution on Chemical substances containing:  $\text{Cu}^{2+}$ ,  $\text{Ca}^{2+}$ ,  $\text{Fe}^{2+}$ ,  $\text{Fe}^{3+}$ ,  $\text{Pb}^{2+}$ ,  $\text{Zn}^{2+}$ ,  $\text{NH}_4^+$  as Basic radicals.
  3. Distinguish between solutions of a dilute acid and an alkali with the help of two tests.
  4. Action of concentrated HCl on Copper oxide and Manganese dioxide

## **2nd TERM**

10. Nitric acid
11. Sulphuric acid
12. Organic chemistry

### **Revision test:**

Mole concept and Stoichiometry, Metallurgy, Nitric acid, Sulphuric acid, Organic Chemistry

**Pre-board: Full ICSE syllabus.**

## **BIOLOGY**

### **1st TERM**

#### **Chapter & Topic**

2. Structure of Chromosomes, Cell Cycle and Cell Division
4. Absorption by Roots-The Processes Involved
5. Transpiration
6. Photosynthesis
8. The Circulatory System
9. The Excretory System
10. The Nervous System
11. Sense Organs
12. The Endocrine System

**FIRST UNIT TEST:** Chapters 2 and 4

**FIRST ASSESSMENT:** Chapters 2, 4, 5, 6, 8, 9, 10, 11 and 12.

### **2nd TERM**

3. Genetics- Some Basic Fundamentals
7. Chemical Coordination in Plants
13. The Reproductive System
14. Human Evolution
15. Population-The Increasing Numbers and Rising Problems

16. Pollution- A Rising Environmental Problem

**REVISION TEST:** Chapter No. 2, 4, 6, 8, 9, 10, 11, and 12

**PRE-BOARD EXAM:** Chapters 2 to 16.

**Project according to council syllabus**

## **HISTORY & CIVICS**

### **1ST TERM**

#### **Chapters**

Civics 1	The Union Parliament
History 1	The First War of Independence
History 2	Factors leading to the growth of Nationalism
History 3	Objectives and Methods of Early Nationalist
Civics 2	The Union Executive (President and Vice-President)
History 4	Second phase of Indian National Movement
History 5	Factors leading to the Formation of Muslim League
History 6	Lucknow Pact
Civics 3	The Union Executive (Prime Minister and Council of Ministers)
History 11	The First World War

**1st Unit Test :** Civics1- The Union Parliament

**First Assessment- Entire First term syllabus**

### **2nd TERM**

History 7	National Movement 1919-1934
History 8	Cripps Mission and Quit India Movement
History 9	Subhas Chandra Bose, Forward Bloc and INA
Civ. 4, 5, 6	Judiciary
History 10	Independence and Partition of India
History 12	Rise of Fascism and Nazism
History 13	The Second World War
History 14	United Nations Organisation
History 15	Major Agencies of the United Nations
History 16	The Non- Aligned Movement

**Revision Test :** National Movement (His),

The Union Executive (Civ)

**Pre-board: Entire syllabus of 1st and 2nd Term.**

**Project: Topic to be given**



# **GEOGRAPHY**

## **1ST TERM**

### **Chapter & Topic**

8. CLIMATE
9. SOIL RESOURCES
10. NATURAL VEGETATION  
TOPOGRAPHICAL MAPS
11. WATER RESOURCES
12. MINERAL RESOURCES
13. CONVENTIONAL SOURCES OF ENERGY
14. NON-CONVENTIONAL SOURCES OF ENERGY  
MAP OF INDIA
15. AGRICULTURE - I
16. AGRICULTURE - II FOOD CROPS
17. AGRICULTURE - III CASH CROPS (1)
18. AGRICULTURE - IV CASH CROPS (2)

**FIRST UNIT TEST :** CHAPTER 9 AND 10  
(TOPOGRAPHICAL MAPS)

**FIRST ASSESSMENT –** ALL CHAPTERS OF FIRST TERM  
TOPOGRAPHICAL MAPS AND MAP OF INDIA

**PROJECT –** WILDLIFE CONSERVATION EFFORTS IN INDIA

## **2ND TERM**

19. MANUFACTURING INDUSTRIES (AGRO-BASED)
20. MINERAL BASED INDUSTRIES
21. TRANSPORT
22. WASTE MANAGEMENT - 1  
IMPACT OF WASTE ACCUMULATION
23. WASTE MANAGEMENT -II  
SAFE DISPOSAL OF WASTE

**REVISION OF TOPOGRAPHICAL MAPS AND MAP OF INDIA**

**REVISION TEST:** CHAPTERS 8,11,12,  
TOPOGRAPHICAL MAPS AND MAP OF INDIA

**PRE BOARD: FULL ICSE SYLLABUS**

## **SECOND LANGUAGE (BENGALI)**

### **1ST TERM**

#### **Chapters**

Sankolita (Story) :- Dabotar Janmo

Chander Pahar :- Chaptar - 09

Grammar :- Bagdhara, Samarthak Sabdo

Letter Writing Sankolita (story) :- Nil Manuser Kahinee

Chander Pahar :- Chaptar - 10

Grammar:- Ek kothay Prokas

Comprehension

Chander Pahar :- Chaptar - 11

Picture Composition

Grammar:- Upasargya O Pratay, Essay

Sankolita (Story) :- Gandhota Khub Sandehojanok

Chander Pahar :- Chaptar - 12

Grammar:- Bakya Paribartan, Dhannartack- Shabdo,

Suddha Banan, Chhed O Jotichino. Grammar:- Baccho Poribortan.

**Unit Test:-** Topic - Daboter Janmo

Chander Pahar :- Chapter - 9, Samarthak Sabdo.

**1st Assessment- Total 1st term portion**

### **2ND TERM**

Sankolita (Story) :- Lokti

Chander Pahar:- Chapter-13

Grammar:- Ek kothay Prokash

Sankolita (Story) :- Nam Chander Pahar:- Chapter - 14

Sankolita (Story) :- Bama (Revision)

Picture Composition

Comprehension

Grammar:- (Rev.)

Sankolita (Story) :- Gandhota Khub sandehojanak

Chander Pahar:- Chapter - 14

Grammar: Bakhya Paribartan

Essay

Sankolita (Story) :- Lalu

Sankolita (Story) :- Asohajogee

Chander Pahar:- Chapter - 1 (Rev.)

Grammar: Upasargya O Protoya (Rev.)

**Revision Test Topic :-**

(Literature Part) Lokti, Nam,

Chander Pahar – Ch-13 and 14, (Language Part) Ek Kothay Prokash,  
Bagdhara, Bakkyar Paribartan

**HINDI 2ND LANGUAGE**

**Name of the books:- ICSE Sahitya Sagar (T.B. and W. B.)  
Saraswati Vyakaran Suman (IX - X)**

**1st TERM**

**Chapter & Topic**

Gadya:-	Chapter-5	Apna-Apna Bhagya
	Chapter-7	Sandeh
	Chapter-8	Bheed mein khoya aadmi
	Chapter-9	Bhede aur bhediye
	Chapter-10	Do kalakar
Padya:-	Chapter-6	Sur ke pad
	Chapter-7	Vinay ke pad
	Chapter-8	Bhikshuk
	Chapter-9	Chalna hamara kaam hai
	Chapter-10	Matri Mandir ke ore

Language:- Composition, Letter writing, Comprehension.

**ICSE Pattern Grammar-** Vilom, Prayaywachi, visheshan, Bhavwachak sangya, Shabd sudhian, Muhavare, Do as directed.

**U T Portion:** Bhid mein khoya aadmi & Sur ke pad, Patra Lekhan, ICSE grammar.

**First Assessment- Entire First term syllabus**

**2ND TERM**

Gadya:- Revision of all chapters

Padya:- Revision of all chapters

Language:- Composition, Letter writing, Comprehension.

**ICSE Pattern Grammar-** Vilom, Prayaywachi, visheshan, Bhavwachak sangya, Shabd sudhian, Muhavare, Do as directed.

**Revision test portion:-** Bhede aur bhediye & Do kalakar from gadya, Vinay ke pad & Chalna hamara kaam hai from padya, Patra Lekhan, ICSE Grammar.

**Pre-Board Complete ICSE Syllabus.**

## **COMPUTER APPLICATIONS**

### **1st TERM**

#### **Chapter & Topic**

1. Revision of class IX syllabus
2. Functions/Methods & Constructor
3. String Manipulation
4. Programming using the concept of String class
5. Arrays (Introducing basic operations)

#### **Unit Test 1:**

Topic 2: Functions/Methods & Constructor

#### **Practical Assignments to be given**

**First Assessment: Entire First Term Portion.**

### **2nd TERM**

6. Revision of Arrays, String array, Character array and Programs based on 2D arrays.
7. Console Input/output
8. Encapsulation
9. Exception Handling

**Revision Test:** String and Array

**Pre-Board Exam. : Entire Computer Applications syllabus as per ICSE 2022 Syllabus.**

## **COMMERCIAL APPLICATIONS**

### **1st TERM**

#### **Chapter & Topic**

1. Markets and marketing
2. Marketing Mix
3. Advertising and Brand Promotion
4. Sales and Selling process

5. Generally Accepted Accounting Principles
6. Financial Accounting and Reporting
7. Banking and Bank Transactions
8. Fundamental Concept of Cost

### **REVISION OF FIRST TERM SYLLABUS.**

**UNIT TEST 1:** Chapter 1 & 2

**1st Assessment :** Ch. 1 to 8

**Project:** Topic to be given

### **2nd TERM**

9. Importance of Human Resources
10. Recruitment, Selection and Training
11. Public Relations
12. Issues of the Environment

### **REVISION OF COMPLETE ICSE SYLLABUS.**

SOLVING ICSE SAMPLE TEST PAPERS.

**Project:** Topic to be given

**Revision Test:** Chapters 9 & 10

**Pre-Board Examination : Complete ICSE Syllabus**

**N.B: REFER ICSE COUNCIL SYLLABUS FOR DETAILS**

## **ECONOMIC APPLICATIONS**

### **1st TERM**

#### **Chapter & Topic**

- Chap 1 The Theory of Demand
- Chap 2 The Theory of Supply
- Chap 4 Land
- Chap 5 Labour
- Chap 6 Capital
- Chap 7 Enterprise
- Chap 8 Alternative Market Structures

**Project:** Topics to be given

**UNIT TEST - 1 :** Chapters 1 and 2

**1st Assessment : All chapters completed in the First Term**

## **2nd TERM**

Chap 9 The State and Economic Development

Chap 10 Money and Banking

**Project:** Topics to be given

**REVISION TEST :** Chapters 1, 8 and 9

**PRE-BOARD SYLLABUS : ICSE SYLLABUS**

**N.B : Please go through the ICSE Council Syllabus for details.**

## **PHYSICAL EDUCATION**

### **1st TERM**

#### **Chapter & Topic**

2. Physical Education (Section- A)
  1. Human Growth and Development (Section- A)
  3. Body Types (Section- A)
  4. Physical Fitness (Section- A)
  5. Sports Training (Section- A)
- Games      Football (Section- B)
- Games      Volleyball (Section- B)

**1st Unit Test:** Section-A Physical Education and Human Growth and Development (Ch. 2 & 1)

**1st Assessment: Entire chapter taught in first term**

### **2nd TERM**

6. Safety in Sports (Section- A)
  7. Health Education (Section- A)
  8. Careers in Physical Education (Section- A)
- Games      Cricket (Section- B)

**Revision Test :** Safety in sports and Health Education (Ch. 6 & 7)

**Pre-Board: Complete ICSE syllabus**

## **PHYSICAL TRAINING**

**YOGA-**                      Asana and Surya namaskar.

**MEDITATION-**        With and without music.

<b>PRANAYAM-</b>	Anulom vilom, Kapalbhathi etc. EXERCISE- Aerobic and Stretching.
<b>HANDBALL-</b>	Dribbling, Passing, catching, Shooting (Verbal explanation of rules and regulations, Audio visual presentation of skills).
<b>VOLLEYBALL-</b>	Service and Passing skills (Verbal explanation of rules and regulations, Audio visual presentation of skills).
<b>BASKETBALL-</b>	Dribbling, Passing, catching, Shooting (Verbal explanation of rules and regulations, Audio visual presentation of skills).
<b>FOOTBALL-</b>	Passing, trapping, skill related games (Verbal explanation of rules and regulations, Audio visual presentation of skills).
<b>CRICKET-</b>	Fielding, Batting, Bowling and Games (Verbal explanation of rules and regulations, Audio visual presentation of skills).
<b>Kho-Kho-</b>	Seating style- Parallel toe method and Bullet toe method, Attacking Style- Single chain and Double chain etc. (Verbal explanation of rules and regulations, Audio visual presentation of skills).

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