

Don Bosco School, Bandel

P.O. & Dist. Hooghly - 712 103



SYLLABUS : 2022-23

CLASS - 10

Name : _____

Class : _____ Section : _____

MORAL SCIENCE

1st TERM

Month	Chapters	Topics	No of Periods
April	2	Do It Now!	4
	3	Coping With Failures	2
May	3	Coping With Failures	3
June	7	Right To A Good Name	3
	8	Instant Coffee	2
July	8	Instant Coffee	2
	9	Old Is Gold	4
August	10	Physical Appearance	5

FIRST ASSESSMENT: Chapters - 2, 3, 7, 8, 9, 10 & Diary portion.

2nd TERM

Month	Chapters	Topics	No of Periods
September	11	National Unity	1
October	11	National Unity	4
November	12	Gender Differences, Gender Equality	4
	16	Que Sera, Sera- Choosing A Career	2
December	5	Dangerous Substances	3
	15	A Programme Of Life For Students	2

PRE-BOARD EXAM.: Chapter - 5, 11, 12, 15, 16 & Diary portion

ENGLISH LANGUAGE

1st TERM

Month	Chapters	Topics	No. of Periods
April		Preposition	2
		Transformation	2
		Tenses	2
		Letter: Personal letters	2
		Composition Descriptive	2
May		Letter Formal	3
		Comprehension with precis: Practice paper 2	2
June		Transformation of Sentences	2
		Synthesis of Sentences (Practice paper 3 and 4)	2
		Composition Narrative	2

	Writing Notice	2
July	Practice paper 5	2
	Transformation of Sentences	4
	Active and Passive Voice	
	Direct and Indirect Speech	
	Degrees of Comparison of Adjectives	
	Removal of 'too', use of 'so...that', 'hardly...when', 'no sooner...than' e.t.c.	
August	Picture Composition	2
	Grammar Practice Paper 6, 7	3
	Subject Verb Agreement	2
	Sequence of Tenses	2

1st UNIT TEST (MAY): Transformation of Sentences, Prepositions, Tenses, Personal Letters

1st ASSESSMENT: All topics covered in the 1st Term

2nd TERM

Month	Chapters/Topics	No. of Periods
September	Practice papers 8, 9	5
	Letters of Complaint	4
	Short story writing	
October	Notice and e-mail writing (revision)	5
	Synthesis of Sentences	4
	Prepositions	3
November	Transformation of Sentences	4
	Comprehension with precis:	
	Practice papers 10 to 15 and other ICSE	3
	Test papers	7

REVISION TEST (December): Transformation of Sentences, Prepositions, Tenses, Synthesis of sentences, Notice and E-mail writing.

PRE BOARDS EXAMINATION: Complete ICSE syllabus

ENGLISH LITERATURE

1st TERM

Month	Chapters	Topics	No. of Periods
April	10	Poem: Nine Gold Medals	3
	8	Story: The Little Match Girl	4
		Drama: MOV -- Act III, Sc. (ii)	2
May	9	Poem: Abou Ben Adhem	2
	9	Story: My Greatest Olympic Prize	3
June	8	Poem: The Patriot	4
		Drama: MOV -- Act III, Sc. (ii) contd., Sc. (iii)	4
July	7	Story: The Blue Bead	4
		Drama: MOV -- Act III, Sc. (iv), (v)	6
August	10	Story: All Summer in a Day	4
		Drama: MOV, Act IV, Sc. (i)	6

FIRST UNIT TEST (July): Drama: MOV -- Act III, Sc. (ii)
Poem: Nine Gold Medals
Story: The Little Match Girl

FIRST ASSESSMENT: All the chapters taught in First Term

2nd TERM

Month	Chapters	Topics	No. of Periods
September	7	Poem: I Know Why the Caged Bird Sings	5
		Drama: MOV -- Act IV, Sc. (ii)	3
		October	Drama: MOV -- Act V, Sc. (i)
		Revision: Poems (All)	3
November		Revision: Stories (All)	4
		Revision: MOV (The entire play)	4
		Discussion of questions and answers	3

REVISION TEST (December): Poems: After Blenheim, The Bangle
Sellers, The Patriot
Stories: A Horse and Two Goats, An Angel
in Disguise, The Blue Bead
Drama: MOV (Act III, IV)

PRE BOARDS EXAMINATION: As prescribed by the Council

MATHEMATICS

1st TERM

Month	Chapters	Topics	No. of Periods
April	1	Goods and Service Tax (GST).	5
	2	Banking (Recurring Deposit Account)	5
	3	Share and Dividend	4
	4	Linear Inequations	3
May	5	Quadratic Equations in One variable	8
June	6	Factorisation	4
	7	Ratio and Proportion	4
	9	Arithmetic and Geometric Progressions	6
July	10	Reflection	3
	11	Section Formula	3
	12	Equation of a Straight Line	5
	15	Circles	10
August	8	Matrices	6
	22	Probability	3
		Revision of First Assessment	10

FIRST UNIT TEST (June): Goods and Service Tax (GST)
Banking (Recurring Deposit Account)
Linear Inequations

FIRST ASSESSMENT: Entire First Term Portion

PROJECT 1: Various types of "Cryptarithm".

2nd TERM

Month	Chapters	Topics	No. of Periods
Sept .	21	Measures of Central Tendency	5
Oct.	18	Trigonometric Ratio and Identities	4
	20	Heights and Distance	5
	13	Similarity	4
Nov.	14	Locus	4
	16	Constructions	6
	17	Mensuration	10
Dec.		Revision for Pre-Board Examination	12

REVISION TEST(December): Matrices
Similarity
Equation of a Straight Line

PRE-BOARD EXAM: Full I.C.S.E syllabus

PROJECT 2: Statistical Analysis of Mathematics and English marks of I.C.S.E 2022

NB: Refer to *Council Syllabus (2023)* for further details.

PHYSICS

1st TERM

Month	Chapters	Topics	No. of Periods
April	1.	Force	4
	2.	Work, Energy and Power	3
May	3.	Machines	3
	4.	Refraction of Light at Plane Surfaces	1
June	4.	Refraction of Light at Plane Surfaces(cont.)	6
	5.	Refraction Through a Lens	2
July	5.	Refraction Through a Lens (cont.)	3
	6.	Spectrum	2
August	11.	Calorimetry	7
	7.	Sound	4
	8.	Current Electricity	5
		Revision	2

FIRST UNIT TEST (JULY): Chapter 1, 2, 3

FIRST ASSESSMENT: Chapter 1, 2, 3, 4, 5, 6, 7, 8, 11

PROJECT 1: Practical Work done in Class.

2nd TERM

Month	Chapters	Topics	No. of Periods
September	9.	Household Circuits	3
October	9.	Household Circuits (cont.)	4
	10.	Electro-magnetism	4
November	10.	Electro-magnetism (cont.)	4
	12.	Radioactivity	6
December		Revision	2
		Revision	4

REVISION TEST (DECEMBER): Chapter 4, 5, 8, 9, 10, 11

PRE-BOARD: As per ICSE Syllabus.

PROJECT 2: Practical Work done in Class.

CHEMISTRY

1st TERM

Month	Chapters	Topics	No. of Periods
April	1	Periodic Table, Periodic properties and Variations of Properties	5
	5	Mole Concept and Stoichiometry	4
May	5	Mole Concept and Stoichiometry (cont.)	4
June	4	Analytical Chemistry	2
	2	Chemical Bonding	4
	3	Acids, Bases and Salts	2
July	3	Acids, Bases and Salts (Contd.)	4
	6	Electrolysis	3
	7	Metallurgy	3
	8	Study of Compounds A. Hydrogen Chloride	2
August		Revision	6

FIRST UNIT TEST (AUGUST): Chapters 4 and 5

FIRST ASSESSMENT: Chapters 1, 2, 3, 4, 5, 6, 7, 8

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: Ca^{+2} , Fe^{+2} , Fe^{+3} , Pb^{+2} , Zn^{+2} , NH_4^{+1} as basic radical.
3. Distinguish between solutions of a dilute acid and an alkali with the help of chemical tests.
4. Action of concentrated Hydrochloric acid on Copper oxide and Manganese dioxide.

2nd TERM

Month	Chapters	Topics	No. of Periods
September	9	Study of Compounds B. Ammonia	2
	10	Study of Compounds C. Nitric Acid	2
October	11	Study of Compounds D. Sulphuric Acid	2
	12	Organic Chemistry	5

November	12	Organic Chemistry (Contd.)	6
		Revision	6

REVISION TEST (DECEMBER): Chapters 9, 10, 11, 12

PRE-BOARD EXAMINATION (JANUARY): Full ICSE Syllabus

BIOLOGY

1st TERM

Month	Chapters	Topics	No. of periods
April	2	Structure of Chromosomes,	3
		Cell Cycle and Cell Division	3
	3	Genetics Some Basic Fundamentals	4
May	3	Genetics (contd.)	1
	4	Absorption by Roots	3
June	4	Absorption by Roots (contd.)	2
	5	Transpiration	3
	6	Photosynthesis	3
July	7	Chemical Coordination in Plants	3
	8	The Circulatory System	5
	9	The Excretory System	4
August	10	The Nervous System	4
	11	Sense Organs	3
		Revision work	3

FIRST UNIT TEST (July): Chapters 2 and 3.

FIRST ASSESSMENT: Chapters 2,3,4,5,6,7,8,9,10,11.

PROJECT: Plant life and Animal Life.

2nd TERM

Month	Chapters	Topics	No. of periods
October	12	The Endocrine System	3
	13	The Reproductive System	4
November	14	Human Evolution	4
	15	Population	4
	16	Pollution	4

REVISION TEST (December): Chapters 2, 3, 6, 8, 10, 11, 12, 13.

PRE BOARDS (January): Chapters 2 to 16.

HISTORY & CIVICS

1st TERM

Month	Chapters	Topics	No. of Periods
April	C-1	The Union Parliament	5
	H-1	The First War of Independence (1857)	2
April + May	H-2	Factors Leading to the Growth of Nationalism and Foundation of the Indian National Congress	5
	C-2	The Union Executive- The President + the Vice- President	4
June	H-3	Objectives and Methods of Struggle of the Early Nationalists	2
	H-4	Second Phase of the Indian National Movement	3
July	H-5	Foundation of Muslim League and its Objectives	1
	H-6	Lucknow Pact: Its Significance	1
	H-7	National Movement 1919-1934	3
	H-8	Cripps Mission and Quit India Movement	3
	H-9	Subhas Chandra Bose, Forward Bloc and INA	2
August	H-10	Independence and the Partition of India	2
	C-3	Union Executive- The Prime Minister, the Union Cabinet and the Council of Ministers Revision	4

FIRST UNIT TEST (JUNE): Chapter H-1 - The First War of Independence (1857)
Chapter C- 1- The Union Parliament

FIRST ASSESSMENT: All topics covered in first term

PROJECT: Present the life sketch and contributions of Dr. A.P.J.Abdul Kalam.

2nd TERM

Month	Chapters	Topics	No. of Periods
September	C-4	The Union Judiciary: The Supreme Court	3
October	H-11	The First World War	3
	H-12	Rise of Dictatorships	3
November	C-5	The State Judiciary- The High Courts	3
	C-6	The Subordinate Courts	2
	H-13	The Second World War	3
	H-14	UNO- Origin, Objectives and	

		the Principal Organs	4
December	H-15	Major Agencies of UNO	2
	H-16	Non- Aligned Movement	3
		Revision	

REVISION TEST (DECEMBER): Chapter C-4 The Union Judiciary: The Supreme Court
 Chapter C-5 The State Judiciary- The High Courts
 Chapter H-11 The First World War
 Chapter H-13 The Second World War

PRE-BOARD EXAMINATION: All topics covered in first and second term

GEOGRAPHY

1st TERM

Month	Chapters	Topics	No. of Periods
April	7	Climate	4
	8	Soil Resources	2
		Topographical Maps	4
May	9	Natural Vegetation	2
	10	Water Resources	2
		Topographical Maps	1
June	11	Mineral Resources	2
	12	Conventional Sources of Energy	2
	13	Non Conventional Sources of Energy	3
		Map of India	2
July		Map of India	3
	14	Agriculture I	3
	15	Agriculture II Food Crops	3
August	16	Agriculture III Cash Crops (1)	3
	17	Agriculture IV Cash Crops (2)	3
	18	Manufacturing Industries (Agro Based)	4

PROJECT: Development of Tourism in India

FIRST UNIT TEST (June): Chapters 7 Climate
 8 Soil Resources
 Topographical Maps

FIRST ASSESSMENT: Chapters 7,8,9,10,11,12,13,14,15,16,17,18,
 Topographical Maps, Map of India

2nd TERM

Month	Chapters	Topics	No. of Periods
September	19	Mineral Based Industry	3
	20	Transport	3
October	21	Waste Management I: Impact of Waste Accumulation	3
	22	Waste Management - II: Safe Disposal of Waste	4
November		Revision	

REVISION TEST (December): Chapters 7. Climate
10. Water Resources
20. Transport
Topographical Maps
Map of India

PRE-BOARD EXAMINATION: As prescribed by the Council.

BENGALI (2ND LANGUAGE)

1st TERM

Month	Chapters	Topics	No. of periods
April	9	Sankolita (Story) Dabotar Janmo	3
		Chander Pahar	3
		Grammar :-Bagdhara	2
		Samarthak Sabdo	2
		Letter Writing	2
May	10	Sankolita (Story) Nil Manuser Kahinee	3
		Chander Pahar	2
June	11	Grammar:- Ek kothay Prokas	3
		Comprehension	3
July	11	Chander Pahar	3
		Picture Composition	3
		Grammar:- Upasargya	3
		Pratay	3
		Essay	3
		Sankolita (Story) :-Gandhota Khub-	
		Sandehojanok	4
August	12	Chander Pahar	2
		Grammar:-Bakya Paribartan	2
		Dhannartack- Shabdo	2
		Suddha Banan	2

Chhed O Jotichino	2
Baccho Poribortan	2
Sankolita (Story) Lokti	2

FIRST UNIT TEST (MAY): Daboter Janmo, Chander Pahar :- Chapter 9, Samarthak Sabdo.

FIRST ASSESSMENT: Full Syllabus of 1st Term

2nd TERM

Month	Chapters	Topics	No. of Periods
October	13	Sankolita (Story) Lalu (Revision)	3
		Chander Pahar	4
		Grammar-Ek kothay Prokash	2
November	14	Sankolita (Story) Nam	3
		Chander Pahar	4
		Sankolita (Story) Bama (Revision)	3
		Picture Composition	2
		Comprehension	2
December	9	Sankolita (Story) :- Gandhota Khub-Sandehojanak (Revision)	2
		Chander Pahar (Revision)	1
		Grammar: Bakhya Paribartan	2
		Essay	1
		Grammar: Upasargya O Protoya (Rev.)	1
		Sankolita (Story) Asohajogee	1

REVISION TEST (DECEMBER): (Literature Part) Lokti, Nam, Bama, Chander Pahar
Chapter 09, 13 and 14
(Language Part) Ek Kothay Prokash, Bagdhara, Bakhya Paribartan

PRE-BOARD (JANUARY): As per ICSE Syllabus

HINDI 2ND LANGUAGE

1st TERM

Month	Chapters	Topics	No. of periods
April	7	Sandeh	7
	7	Vinay Ke pad	4
		ICSE Pattern Vyakaran, Patra-Lekhan	2

May		Apathit Gadyansh.	3
		Shabd Sudhian, Visheshan, Patra-Lekhan	3
June	8	Bheed Main Khoya Aadmi	6
		Nibandh, Vakya Pariwartan.	4
July	8	Bhikshuk	5
	9	Bhedein Aur Bhediye	7
		Apathit Gadyansh, Nibandh	3
		Nirdeshanushar Vakya Pariwartan	1
August	9	Chalna Hamara Kaam Hai6	
		Muhawaren, ICSE Pattern Vyakaran	8
September		Revision-Text Book Chapters.	5
		Nibandh, Apathit Gadyansh,Patra-Lekhan.	5
		ICSE Pattern Vyakaran.	5

FIRST UNIT TEST (MAY): T B-Sandeh, Vinay Ke pad. ICSE Pattern Vyakaran, Patra-Lekhan.

FIRST ASSESSMENT: T B- Gadya- 7, 8, 9 Padya- 7, 8, 9. Vyakaran-ICSE Pattern Vyakaran. Nibandh, Patra, Apathit Gadyansh.

2nd TERM

Month	Chapters	Topics	No. of Periods
October	10	Do Kalakar	6
	10	Matri Mandir Ki Ore	3
November		Revision Of Gadya	7
		Revision Of Padya	6
		Apathit Gadyansh, ICSE Pattern Vyakaran	3

REVISION TEST: (DECEMBER): Gadya-Ch. 9,10. Padya-Ch.9,10. Apathit Gadyansh, Patra-Lekhan, ICSE Pattern Vyakaran.

PRE BOARD EXAMINATION: ICSE Syllabus.

COMPUTER APPLICATIONS

1st TERM

Month	Chapters	Topics	No. of periods
April	1 & 2	Revision Tour I & 2	10
May	3	Classes as the basis of All Computation	5
June	4	User defined Methods	8

July	5	Constructors	5
	6	Library Classes	4
	7	Encapsulation	4
August	9	String Manipulation	9
		Revision	4

PROJECT 1: Programming Assignments will be given in the month of May

FIRST UNIT TEST (July): Chapter 4

1ST ASSESSMENT: Chapters 1 to 7 and 9

2nd TERM

Month	Chapters	Topics	No. of Periods
Oct. & Nov.	8	Arrays	12
		Revision	8

PROJECT 2: Programming Assignments will be given in the month of September

REVISION TEST (DECEMBER): Chapter 8 & 9

PRE BOARD (JANUARY): As per ICSE 2023 syllabus.

COMMERCIAL APPLICATIONS

1st TERM

Month	Chapters	Topics	No. of Periods
April	1.	Markets and Marketing	3
	2.	Marketing Mix	4
May	3.	Advertising and Brand Promotion	3
June	4.	Sales and Selling process	5
July	5.	Generally Accepted Accounting Principles	4
	6.	Financial Accounting and Reporting	4
August	7.	Banking and Bank Transactions	4
	8.	Fundamental Concepts of Cost	3
		* Revision of 1st Term Syllabus	4

FIRST UNIT (July): Ch.1 & 2

FIRST ASSESSMENT: All Chapters of 1st Term

PROJECT:

1. Markets and Marketing (Meaning, Stages & Types)
2. Study the annual report (Balance sheet and Profit and Loss Account) of any company and comment on its financial health.

2nd TERM

Month	Chapters	Topics	No. of Periods
September	9.	Importance of Human Resources	3
October	10.	Recruitment, Selection and Training	3
	11.	Public Relations	4
November	12.	Issues of the Environment	3
		*Revision of Complete ICSE Syllabus	4
December		*Solving ICSE Sample Test Papers	3

REVISION TEST (December): Chapters 9, 10 & 11

PRE-BOARD: Complete ICSE Syllabus of Class X

- PROJECT:**
- Human Resource in a commercial organization.
(Meaning, feature, role & functions)
 - Write an essay on the role of the Central Bank (Reserve Bank of India) in an economy with special reference to the Indian scenario.

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

ECONOMIC APPLICATIONS

1st TERM

Month	Chapters	Topics	No of Periods
April	1	The Theory of Demand	10
May	2	The Theory of Supply	5
June	2	The Theory of Supply	3
	4	Land	5
July	5	Labour	5
	6	Capital	4
	7	Enterprise	4
August	8	Alternative Market Structures	8
		Revision	4

FIRST UNIT TEST (JULY) : Chapter 1, 2, 4

FIRST ASSESSMENT: Chapters 1, 2, 4, 5, 6, 7, 8

PROJECT 1 : Elasticity of Demand

PROJECT 2 : Ecosystem

2nd TERM

Month	Chapters	Topics	No of Periods
September	9	The State and Economic Development	3
October	9	The State and Economic Development	8
November	10	Money and Banking	12

REVISION TEST (DECEMBER) : Chapters 1,2,8,9

PRE- BOARDS (JANUARY) : ICSE Syllabus

PROJECT 3: Alternative Market Structure

PROJECT 4: Privatisation

PHYSICAL EDUCATION

1st TERM

Month	Chapters	Topics	No of Periods
April	1	(Section-A) Human growth and development (Section-B) Games: Skills, Rules, Measurement etc	12
May	2	(Section-A) Physical education (Section-B) Games: Skills, Rules, Measurement etc.	6
June	3	(Section-A) Body types (Section-B) Games: Skills, Rules, Measurement etc.	9
July	4, 5, 11	(Section-A) Physical fitness and Sports training and Careers in Physical Education	15
August	6, 7	(Section-A) Principles of sports training and Safety in Sports	12

FIRST UNIT TEST (JULY): Chapter 1, 2

FIRST ASSESSMENT: All chapters taught in First Term

2nd TERM

Month	Chapters	Topics	No of Periods
October	8, 9	Prevention of injuries and Health education	12
November	10	Dietary modifications and meal planning and Revision	12

REVISION TEST (DECEMBER): Chapter 1, 3, 9, 7

PRE-BOARD: As per ICSE Syllabus

PHYSICAL TRAINING

1st TERM

Month	Topics	No. of periods
April	Marching: Attention, Stand at Ease, Turning, Quick March, Games	4
May	Yoga: Pranayam, Asana	1
June	Physical Fitness: Jogging, Running, Stretching, Games	2
July	Football: Shooting, Passing, Receiving, Dribbling, Goal Keeping	4
August	Basketball: Stance, Dribbling, Catching, Passing, Game	

2nd TERM

Month	Topics	No. of Periods
October	Throw Ball: Catching, Throwing, Position	2
November	Marching / Games	3
December	Cricket: Stance, Batting, Grip, Skills of Front Foot and Backfoot	2

FIRST UNIT TEST : 2022-23

Date	Class 12	Class 11	Class 10	Class 9	Class 8	Class 7	Class 6
02.05.2022	Socio /Comm /Comp/Bio	-----	English Language	2nd Language	Biology	Geography	English Literature
13.05.2022	Pol. Sci/Acc/ Physics	-----	2nd Language	English Literature	Computer	Mathematics	History & Civics
13.06.2022	English Language	-----	History & Civics	Elective	Geography	Chemistry	Physics
20.06.2022	Hist/BST/ Chemistry	English Language	Mathematics	Chemistry	English Literature	English Language	Computer
27.06.2022	Mathematics	History/Comm /Physics	Geography	Biology	Physics	History & Civics	Chemistry
04.07.2022	2nd Language	2nd Lang./Eco B.St./Comp/Bio	Biology	Mathematics	English Language	Computer	Geography
11.07.2022	English Literature	Socio/Acc/ Chemistry	Physics	English Language	History & Civics	Biology	Mathematics
18.07.2022	Economics	Maths/ Pol. Sci.	English Literature	Geography	Chemistry	Physics	2nd Language
25.07.2022	Physical Education	English Literature	Elective	History & Civics	2nd Language	English Literature	Biology
01.08.2022	-----	-----	Chemistry	Physics	Mathematics	2nd Language	English Language

REVISION TEST : 2022-23

Date	CLASS - 12	CLASS - 10
01.12.2022	Political Science / Accounts / Physics	English Literature
02.12.2022	English Language	Biology
05.12.2022	Economics	Mathematics
06.12.2022	Physical Education	Geography
07.12.2022	-----	2nd Language
08.12.2022	History / Commerce / Chemistry	English Language
12.12.2022	Mathematics	Chemistry
13.12.2022	English Literature	Physics
14.12.2022	2nd Language	History & Civics
15.12.2022	Sociology / Business Studies/ Comp. Sci. / Biology	Elective