

DON BOSCO SCHOOL, BERHAMPORE

SYLLABUS :: CLASS 10

SESSION 2022 – 23

ENGLISH LANGUAGE

BOOK: Total English (10/ICSE)

FIRST TERM

Month	Topic	Ch.	Pages	Period
April	A. Subject Verb Agreement B. Composition – An Introduction C. Notice & Email D. Test Paper – 1 E. Model Answers	1	7 – 31	5
	A. Active & Passive Voice B. Gathering the Subject Matter C. Formal Letter (1) D. Test Paper – 2 E. Words Often Confused	2	32 – 47	7
May	A. Tenses & Their Uses (1) B. Organisation & Planning C. Formal Letters (2) D. Test Paper – 3	3	48 – 63	6
	A. Tenses & Their Uses (2) B. Beginning & Ending C. Format of a Personal Letter D. Test Paper – 4 E. A Specimen Composition	4	64 – 80	6
June	A. Sequence of Tenses B. Types of Composition C. Comprehension Skills D. Test Paper – 5	5	81 – 94	7
July	A. Direct & Indirect Speech B. Paragraph Writing C. Comprehension – Analysis..... D. Test Paper – 6 E. Spelling Bee	6	95 – 113	7
	A. Synthesis B. Narrative Composition C. Summary Writing D. Test Paper – 7	7	114 – 126	7
Aug.	A. Transformation of Sentences (1) B. Stories C. A Specimen Summary D. Test Paper – 8	8	127 – 137	5
	A. Transformation of Sentences (2) B. Descriptive Composition C. Letter of Application D. Test Paper – 9	9	138 – 148	5

	A. Adjectives B. Argumentative Composition C. Letters D. Test Paper – 10 E. Mind Your Expression	10	149 – 160	5
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Unit Test (20 Marks): Chapters: 1 & 2

Assessment (80 Marks): Composition, Letter Writing, Notice, E-mail, Comprehension & Functional Grammar.

Project (20 Marks)

SECOND TERM

Month	Topic	Ch.	Pages	Period
Oct.	A. Comparison of Adjectives B. Critical Writing C. Letters of Complaint D. Test Paper – 11	11	161 – 173	5
	A. Adverbs B. Factual Writing C. Letter Writing: Invitations D. Test Paper – 12	12	174 – 185	5
Nov.	A. Conditional Sentences B. Personal Writing C. Precision in Summary Writing D. Test Paper – 13 E. Correction of Errors	13	186 – 198	5
	A. Preposition B. Picture Composition C. Comprehension: Sense & Interpretation D. Test Paper – 14	14	199 – 209	5
Dec.	A. Articles B. Characters C. Selective summary D. Test Paper – 15	15	210 – 211	5
	Examination			

Unit Test (20 Marks): Chapters: 11 & 12

Assessment (80 Marks): Composition, Letter Writing, Notice, E-mail, Comprehension & Functional Grammar.

Project (20 Marks): Internal Assessment (Aural & Oral English)

English Literature (ENG II)

Book's Name: 1. Treasure Trove- A Collection of ICSE Poems and Short Stories
 2. The Merchant of Venice – William Shakespeare
1st term

<i>Month</i>	<i>Chapter No.</i>	<i>Page No.</i>	<i>Chapter's Name</i>	<i>No. of Periods</i>
April	Ch- 7 (Poetry)	28-30	I Know why the Caged Bird Sings	3
	Ch- 8 (Poetry)	31-33	The patriot	3
	Ch- 7 (Prose)	87-91	The Little Match Girl	3
May	Ch-9 (Poetry)	34-35	Abou Ben Adhem	2
	Ch- 8 (Prose)	92-102	The Blue Bead	4
June	Ch-10 (Poetry)	36-38	Nine Gold Medals	2
	Ch- 9 (Prose)	103-106	My Greatest Olympic Prize	2
	Ch-10 (Prose)	107-115	All Summer in a Day	3
July	Act 3 Scenes i-iii (Drama)	41-55	The Merchant of Venice	12
August	Act 3 Scenes iv-v (Drama)	56-60	The Merchant of Venice	5
	REVISION			

2nd Term

Month	Chapter No.	Page No.	Chapter's Name	No. of Periods
September	Act 4 Scenes i	61- 69	The Merchant of Venice	3
October	Act 4 Scene i-ii	70- 76	The Merchant of Venice	5
November to February	PRE- BOARDS AND REVISION FOR BOARDS			

Bengali second Language
1ST TERM

Name of month	Chapter no.	Chapter name	Page no.	No. of days
April	Prose: 1	• ICSE Sankalita Ginni	5-8	2
May	Prose: 2	Lalu	10-15	2
June	Prose: 8	Nil manusher Kahini	48-58	5
June	Prose: 9	Gondhota khub Sandehojonok	59-68	5
July	Prose:10	Lokti	69-76	5
April	Poem: 1	Bangabhumir Proti	79-80	2
May	Poem: 2	Sabhyatir Proti	81-82	2
May-June	Poem: 3	Kuli Mojur	83-84	2
July	Poem: 9	Babu bolen	94-95	5
August	Poem: 10	Kho kho	96	5
April	Grammar	• BENGALI GRAMMAR BOOK Bakya	Unseen	2
May		Bachya	Unseen	2
June		Samachharito Bhinnarthok sobdo	Unseen	1
June		Samarthak sobdo	Unseen	1
April		Biporitarthok sobdo	Unseen	1
May- June		Podantor	Unseen	1
July		Eki sobder bibhinno orthe proyog	Unseen	1
August- Sept.		Bagdhara o probad probochon	Unseen	1
September		Banan songshodhon	Unseen	1
September		Bakyo songsodhan	Unseen	1
September		Rachona, Bodh Parikkhan, Chitro Parjabekhan, Patra likhon	Unseen	10
April-August	_	Chander pahaar	64-88	5
Unit test		Nil manusher kahini Babu bolen Pwodantor Bagdhara Chander pahaar (chapter 10,11)	48-58 94-95 Unseen Unseen 64-74	1
Assessment		Full syllabus of first term		
Project		_____	_____	4

2ND TERM

Name of month	Chapter name	Page no.	No. of days
	• ICSE Sankalita		
October-December	Chapter 1-10 (Prose) -Revision	5-78	8
October-December	Chapter 1-10 (Poem) -Revision	79-96	8
October-December	• Chander Pahaar (ch. No. 1 to 14) -Revision	1-88	4
	• BENGALI GRAMMAR BOOK (Bhashashopan ICSE)		
October-December	Chapter 5 to 19 (Revision)	Unseen	6
October-December	Rachona Bodh Parikkhan Chitro Parjabekkan Patra likhon	Unseen	2 2 2 2
	(ALL ARE REVISION CHAPTERS)		
Project	—	—	3

HINDI 2ND LANGUAGE
BOOK:SAHITYA SAGAR (STORY&POEM)
BOOK:EKANKI SANCHAY (ONE ACT PLAY)

1ST TERM

MONTH	TOPIC	CHAP	PAGE NO.	PERIOD
APRIL	SANDEH (STORY)	7	41-49	3
	BHER AUR BHERIA (STORY)	9	56-62	2
MAY	SUR KE PAD (POEM)	6	85-86	2
	SUKHI DAALI (EKANKI SANCHAY)	4	39-68	4
JUNE	MAHABHARAT KI EK SANJH(EKANKI SANCHAY)	5	69-81	4
JULY	BHID MAIN KHOYAN AADMI(STORY)	8	50-55	2
AUGUST	DO KALAKAAR (STORY)	10	63-69	2
SEPT	VINAY KE PAD (POEM)	7	87-88	2
	BHIKSHUK REVISION			

HINDI 2ND LANGUAGE**SECOND TERM****BOOK:SAHITYA SAGAR (STORY&POEM)****BOOK:EKANKI SANCHAY (ONE ACT PLAY)**

MONTH	TOPIC	CHAP	PAGE	PERIODS
OCTOBER	CHALNA HAMARA KAAM HAI	7	3	3
NOV	MAATRI BHUMI KI OAR	10	2	2
DEC	REVISION			
JAN	REVISION			
FEB	REVISION			

1st Term Class Test of 10

- Chap- 8 (Shahitya sagar gadhya)
Chap- 4 (Ekanki Sanchay)
Chap- vachya and kaal (Hindi vyakaran)
Project- Bhid main khoya Aadmi (Shahitya Sagar)

2nd Term Class test

- Chap- 9 (Sahitya Sagar)
Chap- 6 (Ekanki Sanchay)
Chap- Bertani,Vakya Sansleshanand Vakya
Rupantaran (Hindi Vyakaran)

FIRST TERM SYLLABUS OF CLASS 10

BOOK:SARAS HINDI VYAKARAN

MONTH	TOPIC	CHAP	PAGE	PERIODS
APRIL	VACHYA KAAL	19	4	2
MAY	VARTANI KI SAMANYA ASUDHIYAN	21	3	2
JUNE	VAKYA KE ANGH AUR SANGRACHANA	22	3	2
JULY	VAKYA SANSLESHAN	23	3	2
AUGUST	ALL TYPES OF WRITING SKILL			
SEP	REVISION			

BOOK:SARAS HINDI VYAKARAN

MONTH	TOPIC	CHAP	PAGES	PERIODS
OCT	VAKYA RUPANTARAN	24	8	4
NOV	VAKYAGAT ASHUDHIYO KA SHODHAN	25	5	2
DEC	VIRAM CHINH	26	3	2
JAN	MUHABARE	27	11	3
FEB	ALL TYPES OF WRITING REVISION			

Mathematics

BOOK: ICSE UNDERSTANDING MATHEMATICS CLASS 10

AUTHOR: M.L. AGGARWAL ARYA PUBLICATIONS

Term 1				
Month	Topic	Chapters	Page	Period(s)
April	GST	1	1-19	3
	Banking	2	20-27	1
	Linear Inequations	4	44-55	3
	Factorisation	6	96-109	4
May	Ratio and Proportion	7	110-129	4
	Matrices	8	130-162	6
	Project 1: (Holiday Home Work) Survey of various types of Bank accounts, rate of interest offered.			
June	Arithmetic and Geometric Progressions	9	163-195	5
	Reflection	10	196-210	3
July	Section Formula	11	211-226	6
	Equation of Straight Lines	12	227-249	5
	Similarity	13	250-295	4
Aug	Trigonometrical Identities	18	440-461	4
	Trigonometrical Tables	19	462-464	1
	Heights and Distances	20	465-481	4
Sept	Project 2: Conduct a survey in your locality to study the mode of conveyance / Price of various essential commodities. Represent the data using a Histogram and estimate the mode.			

Term 2				
Month	Topic	Chapters	Page	Periods
Oct	Shares & Dividends	3	28-43	4
	Quadratic Equations in One Variable	5	56-95	5
Nov	Constructions	16	377-388	6
	Locus	14	296-307	4
	Circles	15	308-376	6
Dec	Mensuration	17	389-439	6
	Measures of Central Tendency	21	482-522	5
Jan	Probability	22	523-546	3
	Sullabus For Pre-Board: Whole Syllabus for Class 10 ICSE (According to CISCE)			

PHYSICS

NAME OF TEXT BOOK – CONCISE PHYSICS

<u>MONTH</u>	<u>CHAPTER NUMBER AND NAME</u>	<u>PAGE NO.</u>	<u>PERIODS</u>
APRIL	CH -1 FORCE	1-6	1
	CH – 1 FORCE	9-12	1
	CH – 1 FORCE	13-18	2
	CH – 2 WORK, ENERGY AND POWER	19-29	2
MAY	CH – 2 WORK, ENERGY AND POWER	30-42	2
	CH – 2 WORK, ENERGY AND POWER	43-47	2
	CH -3 MACHINES	48-59	3
JUNE	CH – 3 MACHINES	60-69	3
	CH – 4 REFRACTION OF LIGHT AT PLANE SURFACES	70-82	3
JULY	CH – 4 REFRACTION OF LIGHT AT PLANE SURFACES	83-88	2
	CH – 4 REFRACTION OF LIGHT AT PLANE SURFACES	88-92	1
	CH – 4 REFRACTION OF LIGHT AT PLANE SURFACES	92-102	2
	CH – 5 REFRACTION THROUGH A LENS	103-110	2
	CH – 5 REFRACTION THROUGH A LENS	111-121	2
	CH – 5 REFRACTION THROUGH A LENS	122-132	2
AUGUST	CH – 6 SPECTRUM	133-147	2
	CH – 11 CALORIMETRY	261-282	2
	CH- 12 RADIOACTIVITY	283-306	2
AUGUST	REVISION AND EXTRA WORKS		4

Total Number of Periods - 40

**PHYSICS 1st TERMINAL EXAMINATION– CH 1 TO CH 6; CH 11 TO CH 12
(PAGE 1 - 147 AND PAGE 261-306)**

UNIT TEST OF 1ST TERM – Page – 1 – 47

Chapter 1 – Force

Chapter 2 – Work, Power and Energy

2nd TERM

<u>MONTH</u>	<u>CHAPTER</u>	<u>PAGE NO.</u>	<u>PERIODS</u>
SEPTEMBER	CH – 7 SOUND	148-174	4
OCTOBER	CH – 8 CURRENT ELECTRICITY	175-213	4
OCTOBER	CH – 9 HOUSEHOLD CIRCUITS	214 - 229	2
NOVEMBER	CH – 10 ELECTROMAGNETISM	230-260	8

PHYSICS 2nd TERM UNIT TEST - CH 7 – CH 8 (PAGE - 148 –213)

Total Number of Periods - 18

**PHYSICS 2nd TERMINAL EXAMINATION(PRE-BOARDS) – CH 1-CH 12
(PAGE – 1 – 306)**

CHEMISTRY

1st TERM

MONTH	CHAPTER NO.	CHAPTER NAME	PAGE NO.	PERIODS
April & May	1	Periodic Table, Periodic Properties and variations of properties	1-20	4
	2	Chemical Bonding	21-36	4
	3	Acids, Bases and Salts	37-62	8
June & July	4	Analytical Chemistry	63-68	3
	5	Mole Concept and Stoichiometry	69-100	7
	6	Electrolysis	101-119	6
August	7	Metallurgy	120-140	6
	8	Study of compounds A. Hydrogen Chloride	141-150	3
September	Revision			3
Total no. of Periods				44

Class test syllabus: Chapter 1 & 2

CHEMISTRY

2nd TERM

MONTH	CHAPTER NO.	CHAPTER NAME	PAGE NO.	PERIODS
October	9	Study of compounds B. Ammonia	151-163	3
	10	Study of compounds C. Nitric Acid	164-172	3
November	11	Study of compounds D. Sulphuric Acid	173-181	2
	12	Organic Chemistry	182-219	7
December	Practical Classes			6
Total No. of Periods				21

Class test syllabus: Chapter 9 & 10

Biology

1st Term

Months	Chapters	Page No	No of periods	Projects/Unit test
APRIL	1. Cell – The structural and Functional unit of Life	1 – 7	2	Project : 1) Make a first aid box. Write in details about the project file. 2) Make a plant find its way through a maze to show how plants must have light in order to grow. Unit test chapters- 1, 2 and 3.
	2. Structure of Chromosomes, Cell Cycle and Cell Division	8 – 21	3	
	3. Genetics – Some Basic Fundamentals	22 – 36	3	
MAY	4. Absorption by Roots	37 – 54	2	
	5. Transpiration	55 – 67	3	
JUNE	6. Photosynthesis	68 – 81	2	
JULY	7. Chemical Coordination in Plants	82 – 89	4	
	8. The Circulatory System	90 – 112	5	
AUGUST	9. The Excretory System	113 – 122	4	
	10. The Nervous System	123 – 137	4	
SEPTEMBER	Revision Classes-	3		
	TOTAL NO. OF PERIODS-	30		

1st Term Unit Test :

Unit test (20 marks): Chap: 1, 2 and 3

2nd Term

Months	Chapters	Page No.	No of periods	Projects
October	11. Sense Organs	138- 151	6	Make a report on water treatment plant, sewage treatment plant or garbage dumping sites in the locality and study their working. Unit test chapters- 11,12 and 13.
	12. The Endocrine System	152 – 165	3	
November	13. The Reproductive System	166 – 184	3	
	14. Human Evolution	185 – 193	3	
December	15. Population	194 – 206	3	
	16. Pollution	207- 217	3	
January	Revision Classes-	2		
	TOTAL NO. OF PERIODS-	26		

2nd Term Unit Test :

Unit test (20 marks): Chap: 11, 12 and 13.

HISTORY & CIVICS
BOOK: TOTAL HISTORY & CIVICS
FIRST TERM

Month	Topic	Ch.	Pages	Period
	History			
April	The First War of Independence, 1857	1	9	5
	Growth of Nationalism	2	24	5
May	First Phase of the Indian National Movement.	3	34	6
June	Second Phase of the Indian National Movement.	4	44	6
July	The Muslim League	5	58	2
	Mahatma Gandhi and the National Movement.	6	68	4
	CIVICS			
August	The Union Parliament	1	161	4
	The President & The Vice - President	2	179	4
	Prime Minister & Council of Ministers	3	191	4
	Quit India Movement.	7	58	5
	Forward Bloc & The INA	8	91	5
	Independence & partition of India	9	97	5

Unit Test (20 Marks): Chapters 1, & 2 of History & Chapter 1 of Civics

Assessment (80 Marks): Chapters 1 – 9 of History & Chapters 1 – 3 of Civics

Project (20 Marks): As per the Council's guidelines.

SECOND TERM

Month	Topic	Ch.	Pages	Period
	History			
Oct.	The First World War	10	108	5
	Rise of Dictatorships	11	117	6
Nov.	The Second World War	12	127	4
	United Nations	13	135	5
	Major Agencies of the United Nations	14	145	5
Dec.	Non – Aligned Movement.	15	152	3
	Civics			
	The Supreme Court	4	200	3
	The High Courts & Subordinate Courts.	5	210	4

Unit Test (20 Marks): Chapters 10 & 11 of History and Chapter 4 of Civics

Assessment (80 Marks): Chapters 1 – 15 of History & Chapters 1 – 5 of Civics

Project (20 Marks): As per the Council's guidelines.

GEOGRAPHY

BOOK : Frank Modern Certificate Geography

1 ST TERM				
CHAPTER NO.	CONTENTS/ NAME OF CHAPTERS	PAGE NUMBER	NO. OF PERIODS	MONTHS
1	MAP STUDY : INTERPRETATION OF TOPOGRAPHICAL MAPS	1 TO 56	4 TO 5	APRIL
2	MAPS OF INDIA	57 TO 79	3	MAY
3	CLIMATE	88 TO 100	4	APRIL
4	SOIL RESOURCES	101 TO 116	4	MAY
5	NATURAL VEGETATION	117 TO 128	4	MAY
6	WATER RESOURCES	129 TO 142	4	JUNE
7	MINERAL AND ENERGY RESOURCES	143 TO 167	4	JULY
8	AGRICULTURE IN INDIA-I	168 TO 187	4	JULY
9	AGRICULTURE IN INDIA-II	188 TO 205	4	JULY
10	MANUFACTURING INDUSTRIES - AGRO BASED	206 TO 218	4	AUGUST
11	MANUFACTURING INDUSTRIES- MINERAL BASED	219 TO 237	4	AUGUST
UNIT TEST	MAP STUDY : INTERPRETATION OF TOPOGRAPHICAL MAPS	1 TO 56		
	CLIMATE	88 TO 100		
PROJECT WORK	CURRENT GEOGRAPHICAL ISSUES : DEVELOPMENT OF TOURISM IN INDIA			
2 ND TERM				
CHAPTER NO.	CONTENTS/ NAME OF CHAPTERS	PAGE NUMBER	-	MONTHS
12	TRANSPORT	238 TO 255	4	OCTOBER
13	WASTE MANAGEMENT 1	256 TO 266	4	NOVEMBER
14	WASTE MANAGEMENT 2	267 TO 277	4	NOVEMBER
	THE ENTIRE BOOK AS PER CISCE(CH 1 TO 14)		6	DECEMBER
UNIT TEST	TRANSPORT	238 TO 255		
	WASTE MANAGEMENT 1	256 TO 266		
PROJECT WORK	WILDLIFE CONSERVATION EFFORTS OF INDIA			

COMPUTER

1 ST TERM				
MONTH	TOPIC	CHAPTER	PAGE NO	NO. OF PERIODS
APRIL	INTRODUCTION TO OBJECT ORIENTED PROGRAMMING CONCEPTS	1	9 - 42	3
MAY	CLASS AS THE BASIS OF ALL COMPUTATION	2	43 - 66	3
JUNE	USER-DEFINED METHODS	3	67 - 98	2
JULY	CONSTRUCTORS	4	99 - 120	4
AUGUST	LIBRARY CLASSES IN JAVA	5	121 - 140	4
SEPTEMBER	REVISION [CHP. 1 TO 5]	1 - 5		
2 ND TERM				
MONTH	TOPIC	CHAPTER	PAGE NO	NO. OF PERIODS
OCTOBER	ENCAPSULATION	6	141 - 164	2
NOVEMBER	ARRAYS	7	165 - 197	3
DECEMBER				3
JANUARY	STRING HANDLING	8	198 - 223	3
FEBRUARY	STRING HANDLING [CONTD.]			2
	REVISION [CHP. 6 TO 8]			
	FINAL TERM SYLLABUS :: FULL BOOK [CHP. 1 TO 8]			

COMMERCIAL APPLICATION

BOOK – COMMERCIAL APPLICATION PART –II

MONTH	TOPIC	CHAPTER	PAGE NO	PERIOD
APRIL	Markets and Marketing	1	1-15	3
	Marketing Mix – 4 P'S	2	16-37	3
MAY	Advertising and Brand Promotion	3	38-58	3
Project:-	<p>a) Design a marketing plan for the launch of a new soap in the price range of Rs 15- Rs 20.</p> <p>b) Study the product life cycle. Using Add-gel pens explain in which part of the PLC are they, giving valid justification.</p>			
JUNE	Sales and Selling process	4	59-68	3
JULY	Generally Accepted Accounting Principles	5	69-81	2
	Financial accounting and Reporting	6	82-92	3
AUG	Banking and Bank Transactions	7	93-115	4
	Fundamental concepts of Cost	8	116-125	2
SEP	Revision	1 to 8	1-125	
	Class Test (20 marks)	1,2,3	1-58	
	Half Yearly Exam- (whole syllabus of 1 st term)			
2 nd term				
OCT	Importance of Human Resource	9	126-133	2
	Recruitment, Selection and Training	10	134-149	4
Project:-	<p>c) Write an essay on the role of the Central Bank (Reserve Bank of India) in any economy with special reference to the Indian Scenario.</p> <p>d) Seven steps of a sale.</p>			
NOV	Recruitment, Selection and Training	10	134-149	1
	Public Relations	11	150-161	2
	Issues of the Environment	12	162-178	2
DEC	Revision of the whole book	1-12	1-178	
JAN	Revision of the whole book	1-12	1-178	
	Class test (20 marks)- 4,5,6	4,5,6	59-92	
	Final term – Whole book			

Book: Personality Development**1st Term**

Month	Topic	Chapter	Pages	Period
Apr	Building your Character	1	5-9	2
	Healthy Relationship	2	10-16	2
May	Overcoming Loneliness	3	17-23	2
June	Recognizing Depression	4	24-29	1
	Dealing with Discouragement	5	30-35	1
Jul	Stop Worrying	6	36-40	2
Aug	Revision	1-6	5-40	3
Sep	Revision	1-6	5-40	
	Class Test – (20 marks)	1-2	5-16	
	Half yearly Exam	1-6	5-40	

2nd Term

Month	Topic	Chapter	Pages	Period
Sep	Beating Alcoholism	7	41-48	2
Oct	HIV/AIDS Awareness	8	49-52	3
Nov	Dignity of Work	9	53-57	2
	Spirit of Tolerance	10	58-62	2
Dec	Setting Priorities	11	63-66	1
	Making a Difference	12	67-71	1
	Class Test -20 marks	7-8	41-52	
	Final term exam	1-12	5-71	