

**DON BOSCO SCHOOL**  
**MONTHWISE SYLLABUS 2023-24**  
**CLASS 12**

**SUB: ENGLISH**

Sl. No.	Month	Topics
1.	APRIL	Reading skill: Comprehension. Writing skills: Notice. Literature: Flamingo: L-1, 2; P-1 Vistas : L-1
2.	MAY	Writing skills: Factual description, Enquiry & Complaint letter. Literature: Flamingo:L-3, 4; P-3 Vistas:L- 2,3
3	JUNE	Reading skill: Comprehension Writing skills: Articles, Order letter. Literature: Flamingo:L-5 Vistas:L-4
<b>UNIT TEST - I</b>		
4	AUGUST	Reading skill: Invitation Writing skills: Editorial letter Literature: Flamingo: L – 6, 7; P-4 Vistas: L-6
5	SEPTEMBER	Writing skills: Job Applications Literature: Flamingo: P– 5
<b>MID-TERM ASSESSMENT - Portion Covered till September.</b>		
6	OCTOBER	Reading skill: Comprehension Literature: Flamingo: L-8 Vistas: L - 8
7	NOVEMBER	Writing skills: Reports. Literature: Flamingo: P- 6
8	DECEMBER	<b>Pre – Board I</b> (Entire Syllabus)
9	JANUARY	<b>Pre – Board II</b> (Entire Syllabus)

# **MONTHWISE SYLLABUS 2023-24**

## **SUB: PHYSICS**

<b>SL. No.</b>	<b>Month</b>	<b>Unit/Topic</b>
1	APRIL	CH1: Electric charges and fields CH3: Current Electricity
2	MAY	CH2: Electrostatic potential and capacitance CH9: Ray optics and optical instruments (half) CH4: Moving charges and magnetism (half)
3	JUNE	CH4: Moving charges and magnetism...(Contd.) CH9: Ray optics and optical instruments...(Contd.)
<b>UNIT TEST I Chapter – 1,2,3</b>		
4	AUGUST	CH5: Magnetism and matter. CH6: Electromagnetic induction CH9: To be continued CH11: Dual nature of radiation and matter.
5	SEPTEMBER	CH10: Wave optics CH7: Alternating current CH8: Electromagnetic waves
<b>HALF YEARLY Chapter – 1,2,3,4,5,8,9,11</b>		
6	OCTOBER	CH7: To be continued CH10: To be continued Ch12: Atoms
7	NOVEMBER	CH13: Nuclei CH14: Semiconductor Electronics: Materials, Devices and Simple Circuits
8	DECEMBER	<b>Pre – Board I (Entire Course)</b>
9	JANUARY	<b>Pre – Board II (Entire Course)</b>

# **MONTHWISE SYLLABUS 2023-24**

## **SUBJECT : CHEMISTRY**

<b>SL. No.</b>	<b>Month</b>	<b>Unit/Topic</b>
1	APRIL	CH1: Solutions CH2: Electrochemistry
2	MAY	CH6: Haloalkanes and Haloarenes
3	JUNE	CH7: Alcohols, Phenols and Ethers
<b>UNIT TEST I Chapter – 1,2,6,7</b>		
4	AUGUST	CH3: Chemical Kinetics CH5: Coordination Chemistry
5	SEPTEMBER	CH4: The d- and f-Block elements CH8: Aldehydes, Ketones and Carboxylic Acid
<b>HALF YEARLY Chapter – 1,2,3,4,5,6,7</b>		
6	OCTOBER	CH9: Organic Compounds containing Nitrogen
7	NOVEMBER	CH10: Biomolecules
8	DECEMBER	<b>Pre – Board I (Entire Course)</b>
9	JANUARY	<b>Pre – Board II (Entire Course)</b>

# **MONTHWISE SYLLABUS 2023-24**

## **SUBJECT : BIOLOGY**

SERIAL NO.	MONTH	UNIT/TOPIC
1	APRIL	<b>UNIT –VI</b> Chapter 2: Sexual Reproduction in Flowering Plants. Chapter 3: Human Reproduction
2	MAY	<b>UNIT VI</b> Chapter 2: Sexual Reproduction in Flowering Plants. (Contd.) Chapter 3: Human Reproduction (Contd.) Chapter 4 :Reproductive Health (contd.)
3	JUNE	<b>UNIT X</b> Chapter 13: Organisms and Populations Chapter 14:Ecosystem
<b>UNIT TEST I</b>		
4	AUGUST	<b>UNIT VII</b> Chapter 5: Principles of Inheritance and Variation Chapter 6: Molecular Basis of Inheritance
5	SEPTEMBER	<b>UNIT VII</b> Chapter 5: Principles of Inheritance and Variation (contd) Chapter 6: Molecular Basis of Inheritance (contd.) Chapter 7: Evolution <b>UNIT VIII</b> Chapter 8:Human Health and Disease
<b>HALF YEARLY</b>		
6	OCTOBER	<b>UNIT VII</b> Chapter 7: Evolution <b>UNIT VIII</b> Chapter 8:Human Health and Disease (contd.) Chapter 10: Microbes in Human Welfare <b>UNIT X</b> Chapter 15: Biodiversity and Conservation
7	NOVEMBER	<b>UNIT IX</b> Chapter 11:Biotechnology :Principles and Processes. Chapter 12:Biotechnology and its Application <b>REVISION</b>
8	DECEMBER	<b>REVISION</b> <b>PRE-BOARD EXAMINATION</b>

# **MONTHWISE SYLLABUS 2023-24**

## **SUBJECT : MATHEMATICS**

Serial No.	Month	Chapter No.	Chapter Name
1	APRIL	1 2 3	Relations and Functions Matrices Determinants
2	MAY	2 4 5	Inverse Trigonometric Functions Determinants ... (contd..) Continuity and Differentiability
3	JUNE	6 7	Applications of Derivatives Integrals
<b>UNIT TEST - I Chapter - 1,2,3,4,5,6</b>			
4	AUGUST	7 8 9	Integrals ( Contd.. ) Applications of Integrals Differential Equations
5	SEPTEMBER	9 10	Differential Equations ( Contd... ) Vector Algebra
<b>HALF YEARLY Chapter - 1,2,3,4,5,6,7,8,9</b>			
6	OCTOBER	11 12	Three Dimensional Geometry Linear Programming
7	NOVEMBER	13	Probability <b>REVISION</b>
8	DECEMBER	<b>Pre – Board I</b> (Entire Syllabus)	
9	JANUARY	<b>Pre – Board II</b> (Entire Syllabus)	

# **MONTHWISE SYLLABUS 2023-24**

## **SUBJECT : APPLIED MATHEMATICS**

Serial No.	Month	Chapter No.	Chapter Name
1	APRIL	1 3 4	Numbers, Quantification and Numerical Applications Matrices Determinants
2	MAY	2 5 9	Numerical Inequalities Differentiation Probability
3	JUNE	6 10	Application of Derivatives Inferential Statistics
<b>UNIT TEST - I Chapter – 1 2,3,4,5,9</b>			
4	AUGUST	10 7 11 12	Inferential Statistics (Contd..) Integrals Time – based Data Perpetuity, Sinking Funds and EMI
5	SEPTEMBER	7 12 13	Integrals ( Contd.. ) Perpetuity, Sinking Funds and EMI (Contd.. ) Returns, Growth and Depreciation
<b>MID TERM Chapter - 1,2,3,4,5,6,7,9,10,11,12</b>			
6	OCTOBER	13 8	Returns, Growth and Depreciation ( Contd.. ) Differential Equations
7	NOVEMBER	14	Linear Programming <b>Revision</b>
8	DECEMBER	<b>Pre – Board I</b> (Entire Syllabus)	
9	JANUARY	<b>Pre – Board II</b> (Entire Syllabus)	

# **MONTHWISE SYLLABUS 2023-24**

## **SUBJECT: COMPUTER SCIENCE**

<b>Month</b>	<b>Chapters</b>	<b>Examination</b>
APRIL	Ch1: Python Revision Tour – I Ch2: Python Revision Tour -II	
MAY	Ch3. Working with Functions Ch12: Relational Databases Ch13: Simple Queries in SQL (Start up)	
JUNE	Ch4. Using Python Libraries Ch13: Simple Queries in SQL Ch14: Table creation and Data manipulation commands	Unit Test – I Chapters ( 1,2,3,12,13 )
AUGUST	Ch5. File handling Ch6: Recursion Start up of Project by using File Handling	Project Draft Submission on 01.08.2023
SEPTEMBER	Ch7. Idea of Algorithmic Efficiency Ch8: Data Structures – I : Linear Lists Ch9: Data Structures – I I: Stacks and Queues using Lists	Mid Term Assessment Chapters ( 1,2,3,4,5,6,12,13,14)
OCTOBER	Ch10: Computer Network - I Ch11: Computer Networks II Ch14: Table creation and Data Manipulation commands Ch15: Grouping, Records, Joins in SQL Ch16: Interface Python with MySQL (Project)	Final Project Submission on (Second week of October)
NOVEMBER	Revision	
DECEMBER	Pre-Board I	Complete Syllabus
JANUARY	Pre-Board II	Complete Syllabus