DON BOSCO SCHOOL
MONTHWISE SYLLABUS 2024-25
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: Invitations and Editorial Letter. Literature: Flamingo:L-3, 4; P-3 Vistas:L- 2
3	JUNE	Reading skill: Comprehension Writing skills: Articles Literature: Flamingo:L-5 Vistas:L- 3
UNIT TEST - I		
4	AUGUST	Writing skills: Job Application & Report writing Literature: Flamingo: L – 6, P- 4 Vistas: L-4, 6
5	SEPTEMBER	Literature: Flamingo: P– 5,6
MID-TERM ASSESSMENT - Portion Covered till September.		
6	OCTOBER	Reading skill: Comprehension Literature: Flamingo: L-7 Vistas: L - 8
7	NOVEMBER	Writing skills: Reports. Literature: Flamingo: L- 8
8	DECEMBER	**Pre – Board I** (Entire Syllabus)
9	JANUARY	**Pre – Board II** (Entire Syllabus)

MONTHWISE SYLLABUS 2024-25

SUB: PHYSICS

SL. No.	Month	Unit/Topic
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.)
UNIT TEST I Chapter – 1,2,3	
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
HALF YEARLY Chapter – 1,2,3,4,5,8,9,11	
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	**Pre – Board I (Entire Course)**
9	JANUARY	**Pre – Board II (Entire Course)**

MONTHWISE SYLLABUS 2024-25

SUBJECT : CHEMISTRY

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

MONTHWISE SYLLABUS 2024-25

SUBJECT : BIOLOGY

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

MONTHWISE SYLLABUS 2024-25

SUBJECT : MATHEMATICS

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

MONTHWISE SYLLABUS 2024-25

SUBJECT : APPLIED MATHEMATICS

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

MONTHWISE SYLLABUS 2024-25

SUBJECT: COMPUTER SCIENCE

SL. No.	Month	Unit/Topic
1	APRIL	CH1: Revision Tour –I (Start up) CH9: DBMS (Start up)
2	MAY	CH1: Revision Tour –I CH2: Revision Tour –II CH9: DBMS CH10: MySql (start up)
3	JUNE	CH3: Functions (start up) CH10: MySql (start up)
UNIT TEST I Chapter – 1,2,9,10	
4	AUGUST	CH3: Functions CH10: MySql
5	SEPTEMBER	CH4: Importing Modules and Libraries CH8: Computer Networks - I
HALF YEARLY Chapter – 1,2,3,4,8,9,10	
6	OCTOBER	CH5: File Handling CH6: Data Structures - I
7	NOVEMBER	CH7: Data Structures – II CH9: Computer Networks - II
8	DECEMBER	**Pre – Board I (Entire Course)**
9	JANUARY	**Pre – Board II (Entire Course)**