



**SYLLABUS (2016– 2017)**  
**CLASS-XII B**

Term	MONTH	ENGLISH	MATHS	COMPUTER SCIENCE	BIOLOGY	PHYSICS	CHEMISTRY
UT-I	MAR	My mother at sixty six, The rattrap, Notice writing/Should wizard hit mommy, The Invisible Man Ch-1 & 2	Matrices, Determinants, Relations and functions, Inverse Trigonometric Functions.	Chapter 1: Python Revision Tour (1.1-1.10.5)	Chapter 5 Principle of Inheritance & Variations	Electrostatics, Current Electricity (Ohm's Law)	Unit I - Solid state (1.1 to 1.11), Unit II – Solutions (2.1 to 2.2)
	APRIL	Lost spring/ Deep waters, Aunt Jennifer's tigers, Posters, Letter to the editor/Letter of application/The Invisible Man Ch-3 -6	Inverse Trigonometric Functions.	Chapter 2: Object Oriented Programming (2.1-2-6), Chapter3: Function Overloading (3.1-3.3.2), Chapter 4: Classes & Objects (4.1-4.6), Chapter 5: Built in Functions	Chapter 6 Molecular basis of Inheritance Chapter 7 Evolution Chapter 16 Environmental Issue Chapter 15 Biodiversity& Conservation	Current Electricity (Kirchhoff's Laws etc),Magnetic Effects of Current and Magnetism (Ampere's Circuital Theorem)	Unit II - Solutions (2.3 to 2.7), Unit III – Electrochemistry (3.1 to 3.8)
	MAY	The Last Lesson/Going places, Invitations/Article writing, Report writing. The Invisible Man Ch-7 - 10	Continuity and differentiability	Chapter 6: Inheritance: Extended classes 6.1- 6.8.1), Chapter 7: Data file Handling (7.1-7.11)	Chapter 1 Reproduction in Organism. Chapter 2 Sexual Reproduction in Flowering Plants Chapter 4 Reproductive Health	Magnetic Effects of Current and Magnetism (Permanent Magnets), EMI and AC (Faraday's Laws)	Unit IV - Chemical Kinetics (4.1 to 4.6), Unit V - Surface Chemistry (5.1 to 5.6)



AN ISO CERTIFIED SCHOOL FOR QUALITY & ENVIRONMENTAL MANAGEMENT

# PRESENTATION CONVENT SR. SEC. SCHOOL

S.P MUKHERJI MARG, DELHI - 110006



Term	MONTH	ENGLISH	MATHS	COMPUTER SCIENCE	BIOLOGY	PHYSICS	CHEMISTRY
<b>Half yearly</b> (Note: Examination includes Syllabus of UT I also)	JULY	Indigo/ An elementary class....., Keeping quiet/ Note making, On the face of it/The Invisible Man Ch-11 - 19	Applications of Derivations	Chapter 8: Pointers (8.1-8.11.2), Chapter 9: Strings, Dictionaries, Lists, Tuples.	Chapter 3 Human Reproduction Chapter 11 Biotechnology - Principles & Process,	EMI and AC (AC generator and transformers), Optics (ray optics)	Unit VI - General Principal & Process of Isolation of elements (6.1 to 6.8), Unit VII - The p- Block elements (7.1 to 7.23), Unit VIII - The d- Block elements (8.1 to 8.7)
	AUG	The Tiger king, Advertisement, Letters: enquiry, order, complaint/Memories of Childhood, The Invisible Man Ch20-29	Integrals, Applications of integrals.	Chapter 10: Queues (10.1-0.5), Chapter 11: database Concepts (11.1-11.6), Chapter 12: Structured Query Language (12.1-12.5.4).Chapter 13: Boolean Algebra (13.1-13.11.5)	Chapter 12 Biotechnology and its application,	Optics (Wave optics) Dual Nature of Matter And Radiation, Atoms and Nuclei (radioactivity)	Unit IX - Coordination Compounds (9.1 to 9.8)
	SEPT.	<b>Revision for half yearly</b>					



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	OCT.	A thing of beauty, The enemy, Evans tries an O'Level/ Article writing	Differential Equations, Vector Algebra	Chapter 13: Boolean Algebra (13.1-13.11.5), Chapter 14: Communication and Network Concept (14.1-14.16.6), Chapter 15: Database Transactions (15.1-15.3	Chapter 8 Human Health & Diseases Chapter 9 Strategies for Enhancement in Food. Chapter 10 Microbes in Human Welfare	Atoms and Nuclei (BE), Electronic Devices (Diodes etc)	Unit X - Halo alkanes and Haloarenes (10.1 to 10.7), Unit XI - Alcohols and Phenols (11.1 to 11.6) Unit XII - Aldehyde, Ketones and Carboxylic acids (12.1 to 12.7), Unit XII - Aldehyde, Ketones and Carboxylic acids (12.7 to 12.10), Unit XIII -Amines (13.1 to 13.10)
	NOV.	Speech, Debate	3- Dimensional geometry, Linear Programming, Probability	Chapter 16: More on SQL – Grouping records and table joins (16.1-16.5.7), Chapter 17: Tables and Integrity constraints (17.1- 17.7), Chapter 18: IT Applications (18.1-18.6)	Chapter 14 Ecosystem Chapter 13 Organism and Population	Electronic Devices, EMW, Communication Systems	Unit XIV - Biomolecules (14.1 to 14.5) , Unit XV – Polymers (15.1 to 15.5), Unit XVI - Chemistry in Every day life ( 16.1 to 16.5)
Mock Test ( Complete Syllabus)	DEC.	Revision					
Pre Board ( Complete Syllabus)	JAN.	Revision					