

Motilal Nehru Public School
Jamshedpur
Yearly Syllabus (IX A, B, C) : 2024-25

ENGLISH LITERATURE	
UT-1	HALF YEARLY
1) Julius Caesar : Act 1 Scene 1 , 2)Treasure Chest: The Night Mail (poem)	1) Julius Caesar: Act 1 Scene 1 & 2 , Treasure Chest : 2) The Model Millionaire (prose) , 3) Skimbleshanks : The Railway Cat (poem) , Unit 1 & Unit 2 portion included
UT-2	
1) Julius Caesar: Act 1 Scene 2 , Treasure Chest: 2) Bonku Babu's Friend (prose)	
UT- 3	FINAL TERM
1) Julius Caesar: Act 1 Scene 3 , 2) Act 2 Scene 1 , Treasure Chest: 3) I Remember, I Remember (poem)	Julius Caesar: 1)Act 2 Scene 3 & 4 , 2) Act 2 Scene 2 Treasure Chest: 3)The Home- coming (prose) , 4) The Boy who Broke the Bank (prose) , 5) A Doctor 's journal Entry for August 6, 1945 (poem), Half Yearly + Unit 3 + Unit 4 portion included.
UT- 4	
1) Julius Caesar: Act 1 Scene 2 , Treasure Chest: 2)Oliver Asks for More (prose) 3)A Work of Artifice (poem)	

ENGLISH LANGUAGE	
UT-1	HALF YEARLY
1) Informal letter , 2) Formal letter , 3) Interchange of Sentences , 4) Time and Tense - I	1) Practice Paper (1 to 5) Letter - Formal & Letter Informal, Compositions , Comprehension Passage, Notice, Email to be done from practice paper 1 to 5), 2)Agreement of verb with Subject , Unit 1 + Unit 2 portion included
UT-2	
3)Articles, 4) Time and Tense-II	
UT- 3	FINAL TERM
1)Informal Letter, 2) Formal Letter, 3)The Sequence of Tenses, 4)Prepositions, 5) Transformation of Sentences-I	1) Practice Paper (9 to 15) Letter Formal & Informal , Composition, Comprehension Passage, Notice, Email to be done from practice paper 9 to 15], 2) Transformation of Sentences-2 , 3)Conditional Sentences , 4)Word Order , 5)Synthesis of Sentences , 6)Comparison of Adjectives , Half Yearly + Unit 3 + Unit 4 included
UT- 4	
to 8) [Email and Notice to be done	

HINDI	
UT-1	HALF YEARLY
साखी, व्याकरण संबंधी प्रश्न	काको, महायज्ञ का पुरस्कार, गिरधर को कुडालिया, स्वर्ग बना सकते हैं
UT-2	व्याकरण संबंधी प्रश्न, पत्र लेखन, निबंध लेखन, अपठित गद्यांश
प्रश्न	
UT-3	FINAL TERM
नेताजी का चश्मा, व्याकरण संबंधी प्रश्न	अपना अपना भाग्य, बड़े घर को बेटों, मेघ आए, सूर के पद
UT-4	व्याकरण संबंधी प्रश्न, पत्र लेखन, निबंध लेखन, अपठित गद्यांश, चित्र लेखन
वह जन्मभूमि मेरी, व्याकरण संबंधी प्रश्न	
HISTORY & CIVICS	
UT-1	HALF YEARLY
Our Constitution And Its Salient Features, The Harappan Civilization	Our Constitution And Its Salient Features, The Early Vedic Civilization, The Later Vedic Age, Harappan Civilization, Local Self Government (Rural and Urban Local Institutions), Rise of Jainism and Buddhism
UT-2	
The Early Vedic Civilization and Later Vedic Age	
UT-3	FINAL TERM
The Mauryan Empire, Industrial Revolution	The Mauryan Empire, The Age Of The Guptas, Elections And The Election Commission, The Delhi Sultanate, The Mughal, Industrial Revolution
UT-4	
The Age Of The Guptas, The Delhi Sultanate	

GEOGRAPHY

UT-1	HALF YEARLY
Earth as a planet and Geographic grid	Land forms of the Earth
UT-2	Rocks
Rotation and Revolution	Natural Regions(4)
Earth's Structure	Map of the World
UT- 3	FINAL TERM
Volcanoes and earthquakes	Hydrosphere, Atmosphere , Insulation
UT- 4	Natural Regions (4)
Weathering	Map of the World
Denudation	UT 1, UT 2, UT 3, UT 4 and Half yearly portion included

MATHEMATICS

UT-1	HALF YEARLY
Compound Interest , Expansion	UT 1 , UT 2 , Simultaneous Linear Equation , Indices , Logarithm ,Statistics, Triangle (Congruency)
UT-2	
Rational and Irrational number, Factorisation	
UT- 3	FINAL TERM
Triangle , Mid point theorem	Half yearly ,UT 3 , UT 4 , Rectilinear figure , Area theorems , Circle (Chord and arc ptoperty)
UT- 4	Perimeter and area , Surface area and volume , Construction of polygon
Trigonometry, Pythagoras theorem	Co-ordinate geometry and Distance formulae

PHYSICS

UT-1	HALF YEARLY
Measurement and Experimentation	Measurements and Experimentation, Motion in One Dimension , Laws of motion, pressure in Fluid & Atmospheric pressure, Upthrust in Fluids & Archimedes Principle and flotation.
UT-2	Practical : 1) To determine the least count of vernier calliper & measure the length of a rod. 2) To determine the pitch & least count of screw gauge and measure the mean radius of the given wire. 3) To calculate the time period and it's square for 20 Oscillation of simple pendulum of length (l).
Motion in One dimension	
UT- 3	FINAL TERM
Reflection of Light	Heat and energy, Reflection of Light, Propagation of sound wave, Current electricity, Magnetism. Including Half yearly syllabus.
UT- 4	Practical : 1) To verify the law of reflection using a plane mirror. 2) To prove that the image formed by a plane mirror is as far behind the mirror as the object is placed in front of it. 3) To determine the focal length of a concave mirror by obtaining an image of distant object. 4) To determine the resultant resistance of two bulbs connected in series and parallel and to observe the glow of bulbs connected in each case.
Propagation of Sound wave	

CHEMISTRY

UT-1	HALF YEARLY
Language of chemistry	Atomic structure and Chemical bonding, Gas law and ut-1, ut-2 chapters.
UT-2	
Chemical changes and reaction . Gas law	
UT- 3	FINAL TERM
Hydrogen	periodic table (9 and 10), Atomic structure and chemical bonding, Atmospheric pollution, Gas law, practical chemistry, Water.
UT- 4	practical chemistry: Half yearly: Action of heat (CuCO_3 , hydrated CuSO_4 , NH_4Cl , $\text{Pb}(\text{NO}_3)_2$, $(\text{NH}_4)_2\text{Cr}_2\text{O}_7$.
Periodic table, Atomic structure and chemical bonding.	Identification of gas: CO_2 , H_2 , SO_2 , NO_2 , H_2S , HCl , NH_3 .
	Action of indicators and flame test: Final term portion

BIOLOGY

UT-1	HALF YEARLY
The Cell, The Tissue	The Cell, Tissue, Flower, Pollination, Fertilization, Seed, Five Kingdom Classification, Respiration in plants, Nutrition, Structure of Tooth, Digestion, Skeleton-Movement and Locomotion
UT-2	
Flower, Pollination	
UT- 3	FINAL TERM
Respiratory system	Respiratory system, Skin, Health and Hygiene (full unit), Economic importance of bacteria and fungi, Waste generation: Sources of waste, methods of safe disposal Cell, Tissue, Nutrition and Digestive system
UT- 4	
Skin	

COMPUTER

COMPUTER	
UT-1	FIRST TERM
Introduction to Object Oriented Programming Concepts, Simple Java programs	Elementary Concept of Objects and Classes, Portion Covered in UT, Conditional construct in JAVA, Values and Data Types, Operators in Java
UT-2	
Prac. Test on Conditional Construct	
UT - 3	FINAL TERM
Mathematical Library Methods, Switch Case	Iterative Constructs in Java, Nested Loops, Ethical issues in Computing.
UT - 4	
Prac. Test on Iterative Constructs	
SUPW	
	HALF YEARLY
UT-1	Classroom cleaning
Classroom cleaning	Students are instructed to clean their class everyday after dismissal for five minutes.
UT - 2	FINAL TERM
To celebrate the " Joy of giving week".	Students are instructed to bring old clothes, biscuit packets as a form of donation to celebrate, " Joy of giving week" in school .