

Motilal Nehru Public School

Jamshedpur

Yearly Syllabus (2026 - 27)

Class XI (A,B,C)

ENGLISH LITERATURE	
UT 1	FIRST TERM
PERSPECTIVES : The Landlady(Prose)	PYGMALION : Act I, PERSPECTIVES : Ratan Tata- A Life Settling in at Cornell (Prose),
REFLECTIONS : Life Doesn't Frighten Me (Poetry)	REFLECTION : Bora Ring (Poetry)
	UT 1 Portion Included
	SECOND TERM
	PYGMALION : Act II till Page 31 , PERSPECTIVES : Lawley Road (Prose)
	REFLECTION : Father Returning Home, Sadness Comes (Poetry)
	First term portion included
UT - 2	FINAL TERM
PERSPECTIVES : Most Beautiful (Prose) ,	PYGMALION : Act II Page 31 to 45 , PERSPECTIVES : Dream Children,
REFLECTION : Sadness Comes (Poetry)	Most Beautiful I (Prose) ,
	REFLECTION : A. Prayer For My Daughter(Poetry)
	First Term and Second Term Portion Included
ENGLISH LANGUAGE	
UT 1	FIRST TERM
Proposal writing, Transformation of Sentences	Composition of all types, Directed Writing: Book Review, Report writing,
	Total English: Practice Paper 1 to 5.(Comprehension Passage and grammar to be done in book.
	Composition, Directed Writing & Proposal writing to be done in copy.
	SECOND TERM
	Composition of all types,Directed Writing: Report Writing, Article Writing & Speech Writing.
	Total English: Practice Paper 6to10.Composition ,
	Directed Writing and Proposal Writing to be done in book.
	Grammar and Comprehension Passage to be done in copy
	UT2 portion included
UT - 2	FINAL TERM
Report writing & Grammar	TOTAL ENGLISH: Practice Paper 11to 14.Composition ,
	Directed Writing and Proposal Writing to be done in copy.
	Grammar and Comprehension Passage to be done in book.
	Revision from Board Sample Papers

HINDI

UT- 1	FIRST TERM
पुत्र प्रेम, मुहावरे, वाक्य शुद्ध करो	पुत्र- प्रेम, गौरी,, साखी ,एक फूल की चाह. ,सारा आकाश एक से पांच अध्याय (पूर्वोध)निबंध लेखन, अपठित गद्यांश ,मुहावरे ,वाक्य शुद्ध करें
	SECOND TERM
	शरणागत, आ धरती कितना देती है बाल लीला, , सती, सारा आकाश अध्याय 6, 7(पूर्वोध)निबंध लेखन,मुहावरे,वाक्य शुद्ध करो ,अपठित गद्यांश
UT - 2	FINAL TERM
आउटसाइडर,मुहावरे, वाक्य शुद्ध करो	आउटसाइडर, , तुलसी के पद, नदी के द्वीप ,दासी, सारा आकाश 8 से 10 अध्याय , (पूर्वार्द्ध)निबंध लेखन ,अपठित गद्यांश, मुहावरे, वाक्य शुद्ध करें, प्रथम एवं द्वितीय सत्र का पूरा पाठ्यक्रम

ACCOUNTS

UT 1	FIRST TERM
1) Journal: recording of entries in journal with narration.	1) Journal: recording of entries in journal with narration.
	2) Ledger: posting from journal to respective ledgers.
	3) Trial Balance
	4) Cash book.& Petty cash book
	5) Accounting Concepts(GAAP;Basis of accounting) □
	6) Journal Entries- Input CGST and Input SGST / Input IGST;
	Output CGST and Output SGST/ Output IGST) /
	Setting off Input GST against Output GST.
	SECOND TERM
	1) Bank Reconciliation Statement
	2) Depreciation
	3) Accounting Concepts (International Financial Reporting Standards)
	4) Bills of Exchange
UT - 2	FINAL TERM
1) Accounting Concepts	1) Final Accounts (with and without adjustments)
(Accounting Standards;Provisions and Reserves;IFRS)	2) Rectification of Errors
2) Sub-division of journal	3) Non -Trading Organisation
	4) FIRST TERM AND SECOND TERM PORTION ALONG WITH
	(UT 1 & UT 2)INCLUDED

COMMERCE

UT 1	FIRST TERM
Business Purpose and Classification	Business Purpose and Classification
Business Ethics and Corporate Social responsibility	Forms and Types of Business Organisations
	Corporate Organisations-formation and documentation
	Portion covered in UT-1 and Project on e-banking and Insurance
	SECOND TERM
	Cooperative Organisation
	Contemporary and Evolving Modes of Business
	e-Commerce
	e- Banking
UT - 2	FINAL TERM
e- Business	Domestic Trade
e-Banking	Digital retailing and Omnichannel retailing
	Business Risks and Insurance
	Types of insurance

ECONOMICS

UT 1	FIRST TERM
1) Definition of Economics	1) Definition of Economics
2) Basic Concepts of Economics	2) Basic Concepts of Economics
3) Basic Problems of an Economy.	3) Types of economies
	4) Basic Problems of an Economy.
	5) Solutions to Basic Economics Problems
	6) Economic Growth and Development
	7) Parameters of Development
	8) Sustainable Development
	SECOND TERM
	1) Planning and Economic Development of India
	2) Measures of Central Value
	3) Indian Economy Post Liberalisation
	4) Structural Changes in Indian Economy
	5) Introduction of Statistics ; Organisation and Presentation of Data
UT - 2	FINAL TERM
1) Problems of Poverty in India	1) Rural Development
2) Correlation	2) Human Capital Formation
	3) Unemployment in India
	4) Measures of Dispersion
	5) Index Number ;
	Portion covered in FIRST TERM AND SECOND TERM ALONG WITH (UT1&2)

MATHEMATICS

UT 1	FIRST TERM
SETS , Relation and Function	UT 1 , Angles and Arc length, Trigonometry (complete), Complex Number
	, Quadratic Equation and function
	SECOND TERM
CLASS TEST	Trigonometry , Permutation and Combination ,
	Binomial theorem , Quadratic with inequality , Linear Inequality
	Statistics , Probability ., Sequence Series
UT - 2	FINAL TERM
Co-ordinate geometry - Straight line	UT 1, UT 2 , Ist term , 2nd term .
	Circle , Conic Section , Limit and Derivative , Introduction to 3 - D
	Note : Project work to be given during summer vacation as per ISC prescribed topics.

APPLIED MATHEMATICS

UT 1	FIRST TERM
SETS , Relation and Function	UT 1 ,Angle and Arc length , Trigonometry (complete), Complex Number, Logarithm
	SECOND TERM
	Trigonometry , Permutation and Combination , Sequence and Series
CLASS TEST	Binomial theorem ,
	Statistics , Probability ,Mathematical Reasoning.
	Quadratic Equation and function with inequality , Linear Inequality
UT - 2	FINAL TERM
Co-ordinate geometry - Straight line	UT 1, UT 2 , Ist term , 2nd term .
	Circle , Parabola , Limit and Derivative , , Financial math
	Note : Project work to be given during summer vacation as per ISC prescribed topics.

PHYSICS

UT 1	FIRST TERM
Units and Dimension , Vectors	1.Units and Measurements , Dimensional Analysis.vectors
	2.Motion along a straight line and plane , Projectile,Newton's laws of motion ,Friction
	3.work energy and power, Circular motion,Centre of mass
	4.Rotational motion , Gravitation,
	SECOND TERM
	5.viscosity,Flow of fluids and Bernoullis theorem,Surface Tention
	6.Transfer of heat ,
	7. Thermodynamics
	8.Kinetic Theory of gases
UT - 2	FINAL TERM
Thermodynamics	9.Simple harmonic motion
	10.Waves and sound , Newton's formula and Laplaces correction for speed of sound in air
	11.Plane progressive Wave, Vibrations in strings and Organ pipes
	12.Superposition of waves, Interference and beats and revision of entire syllabus

CHEMISTRY

UT 1		FIRST TERM	
Basic concepts of Chemistry		Basic concepts of chemistry	
		Structure of atom	
		chemistry practical: salt analysis, (gr-0,1,3,5,6)(anion- chloride, sulphate, acetate).	
		titration of sodium carbonate and sulphuric acid	
		SECOND TERM	
		Basic concepts of chemistry	
		Structure of atom	
		Chemical bonding and molecular structure	
		Thermodynamics	
		Organic chemistry (only nomenclature)	
UT - 2		FINAL TERM	
Organic chemistry (Basic principles and Techniques)		Basic concepts of chemistry , Structure of atom, Chemical bonding and molecular structure	
		Thermodynamics, Equilibrium, Organic chemistry -Basic principle and techniques	
		Hydrocarbon,Redox reaction	
		Classification of elements and periodicity in properties	
		chemistry practical: Redox titration,KMnO ₄ with mohr salt,gr analysis gr4 and nitrate ion.	
		Identification of organic compounds -(glucose and glycerol)	
BIOLOGY			
UT-1 CELL, CELL CYCLE & DIVISION		FIRST TERM	
		The Living World, Biological Classification,	
		Cell , Cell Cycle & Cell Division, Animal Kingdom	
		Body fluids & circulation	
		Structural Organization in Animals : Frog, Revision	
		SECOND TERM	
		Morphology of flowering plants, Plant kingdom, Biomolecules, Breathing& Exchange of gases	
		Photosynthesis, Anatomy of flowering plants. Revision	
UT - 2		FINAL TERM	
PLANT GROWTH & DEVELOPMENT,		Plant Growth & Development	
NEURAL CO-ORDINATION		Excretory products & their elimination,	
		Neural control& coordination, Respiration in plants, Chemical coordination & integration	
		Locomotion & movement, Revision	

COMPUTER

UT 1	FIRST TERM
Arrays, Strings, System of Numeration, Encodings.	System of Numeration, Encodings. Introduction to OOP using Java, Objects, Primitive values, Wrapper classes, Types and Casting
	Variables, Expressions. Statements, Scope, Methods and Constructor. Arrays, Strings.
	SECOND TERM
	Propositional Logic, Hardware Implementation, Arithmetic operations
	Basic Input /Output and Text File Handling, Entire Portion covered till first term
UT - 2	FINAL TERM
Trends in Computing and Ethical issues, Outputs	Introduction to Python. Trends in computing and Ethical Issues
	Entire Portion covered in first and second term.

HISTORY

UT 1	FIRST TERM
Chapter – 1 Emergence of colonial economy	Chapter – 3 Protest movements against colonial rule
Chapter – 2 Social movements	Chapter – 4 Growth of Nationalism
	Chapter – 5 Gandhian Nationalism (1916 – 1922)
	Chapter – 6 Gandhian Nationalism (1927 – 1937)
	Including first unit test portion.
	SECOND TERM
	Chapter – 7 World War I
	Chapter – 8 The great depression
	Chapter – 9 Rise of Communism under Stalin in Russia
	Including first terminal syllabus
UT - 2	FINAL TERM
	Chapter – 10 Rise of Fascism under Mussolini in Italy
	Chapter – 11 Rise of Nazism under Hitler in Germany
	Chapter – 12 Rise of militarism in Japan (1919 – 37)
	Including first term & second term syllabus.

Psychology

UT 1	FIRST TERM
• The Subject Psychology	• The Subject Psychology
	• Methods of Psychology
	• Attention and Perception
	• Case Study 1
	SECOND TERM
	• Emotions and Motivation
	• Learning
	• Methods of Psychology
	• Case Study 2
UT - 2	FINAL TERM
• Remembering and Forgetting	• Thinking, Problem Solving and Creativity
	• All chapters of Term I and Term II

S.U.P.W.

	FIRST TERM
	Students are instructed to participate in
	BLOOD DONATION CAMP in school for 11 A,B, C
	SECOND TERM
	Donations to old age home
	FINAL TERM
	A visit to an industry / Bank
	PHYSICS PRACTICAL
	FIRST TERM
	Vernier callipers, Screw gauge, Simple pendulum
	SECOND TERM
	Portion of 1St term, Inclined plane, Spherometer.
	FINAL TERM
	Portion of 1st term and second term,
	Parallelogram law of forces, Sonometer for testing resonance