

Motilal Nehru Public School

Jamshedpur

Yearly Syllabus (2026 - 27)

Class XII (A,B,C)

ENGLISH LITERATURE	
UT 1	FIRST TERM
PERSPECTIVES : The Doll's House	PYGMALION : Act 3
REFLECTIONS : My Grandmother's House	PERSPECTIVES : The Doll's House , Death by Scrabble
	REFLECTIONS : My Grandmother 's House, Refugee Blues
	UT 1 portion to be included
Project : Discuss Eliza as an unconventional character who does not adhere to the social norms	SECOND TERM
	PYGMALION : Act IV
	PERSPECTIVES : The Dreamer, Games at Twilight
	REFLECTIONS : Urban , Ode to Tomatoe6
	First term portion included
UT - 2	FINAL TERM
PYGMALION,; Act IV	PYGMALION : Act IV continued , Act V
	PERSPECTIVES : The Father - Thing
	REFLECTIONS : The Black Santa
	First Term and Second Term Portion Included
ENGLISH LANGUAGE	
UT 1	FIRST TERM
Blog Writing, Proposal Writing, Grammar	Narrative, Descriptive & Reflective Composition ,Directed Writing: Book Review,
Project: Question: What are the qualities of a good friend?	Article writing, Review of Culture programme, Speech writing.Sample paper 1 to 5 (Total English)
Write an essay in which you describe what it takes to be a good friend	programme, Speech writing.Total English : Specimen Paper 1 to 5.(1 composition, Report writing
an essay in which you describe what it takes to be a good friend.	and Proposal writing to be done in copy and question 3 &4 in the book.
Identify the qualities a person must have to be a good friend	
and develop those ideas with specific	
examples and support citing your own experience.	SECOND TERM
word limit:500	Argumentative,Discursive and Short Story.Directed Writing: Personal profile and Statement of purpose.
	Specimen Paper 6 to 10.(1 composition and question 2 to be done in the copy & question 3&4 in the book.
Project : Description of a International Sporting Event	FINAL TERM
	Total English:Sample Papers 11 to 15.Revision : Board paper samples.
	First Term and Second Term Portion Included

HINDI	
UT 1	FIRST TERM
क्या निराश हुआ जाए, मुहावरे, वाक्य शुद्ध करो	क्या निराश हुआ जाए, भक्तिन, संस्कृति क्या है, जाग तुझको दूर जाना है उद्यमी नर निबंध लेखन अपठित गद्यांश, मुहावरे, वाक्य शुद्ध करो सारा आकाश एक से पांच अध्याय(उत्तरार्द्ध)
	SECOND TERM
	भक्तिन, मुहावरे, निबंध लेखन उद्यमी नर, वाक्य शुद्ध करो सारा आकाश अध्याय छः सात
UT - 2	FINAL TERM
मजबूरी, मुहावरे, वाक्य शुद्ध करो	मजबूरी, बादल को घिरते देखा है, अंधेरे का दीपक 12 का पूरा पाठ्यक्रम निबंध लेखन अपठित गद्यांश, कक्षा 12 का पूरा पाठ्यक्रम मुहावरे, वाक्य शुद्ध करो, सारा आकाश(उत्तरार्द्ध) अध्याय आठ से दस अध्याय
ACCOUNTS	
UT 1	FIRST TERM
1) Issue of Shares (Issue at par and premium; considerations other than cash)	1) Issue of Shares (Calls in arrears, calls in advance and interest, Over and undersubscription including pro-rata allotment Preparation of Journal; Cash Book).
2) Fundamentals of Partnership (Preparation of Profit and Loss Appropriation Account)	2) Fundamentals of Partnership (Preparation of Profit and Loss Appropriation Account and Partners' Capital and Current Accounts, Guarantee of profits, Past adjustments)
	3) Concept of goodwill and mode of valuation.
	4) Reconstitution of Partnership--Admission
	5) UNIT 1 PORTION
	SECOND TERM
	1) Retirement and death of a partner
	2) Dissolution of a Partnership firm.
	3) Issue of Debentures
	4) Redemption of Debentures
PROJECT	FINAL TERM
1) Ratio Analysis	1) Cash Flow Statement (Only for Manufacturing Companies)
2) Fundamentals of Partnership (Preparation of Profit and Loss Appropriation Account and Partners' Capital and Current Accounts, Guarantee of profits, Past adjustments)	2) Ratio Analysis 3) FINAL ACCOUNTS & FINANCIAL STATEMENT ANALYSIS
	4) FIRST TERM AND SECOND TERM PORTION AND BOTH UNIT PORTION INCLUDED

COMMERCE		
UT 1		FIRST TERM
Business Environment		Sources of finance for a Joint Stock Company , Financial Planning
Capital-Fixed and Working		Management-Meaning, Nature and Importance
		Principles of Management, Functions of Management and Coordination
		Portion covered in UT-1 and
		Project on Consumer Protection and Marketing strategies of two different companies of the same Industry
		SECOND TERM
		Planning
		Staffing
		Directing
		Controlling
UT - 2		FINAL TERM
Directing		Marketing-Concepts and Functions
Controlling		Marketing Mix
		Consumer Protection
		Portion covered in first and second term along with a field Trip
ECONOMICS		
UT 1		FIRST TERM
Demand and Shift in Demand		Elasticity of Demand
Consumer's Equilibrium		supply and Elasticity of Supply
		Equilibrium Price and Market Mechanism
		Law of Returns and Cost and Revenue Analysis
		SECOND TERM
		Forms of Market
		Producers Equilibrium
		Determination of Equilibrium price and output under perfect Competition
		Theory and income and Employment
UT - 2		FINAL TERM
		Money and Banking
		Balance of Payment and exchange rate
		Fiscal Policy
		Government Budget and National Income

MATHEMATICS

UT 1	FIRST TERM
Relation and Function	UT 1 , Inverse Trigonometric Function , Matrices
	Determinant , Continuity and Differentiability, Differentiation ,
	Application of Derivative (Rate Measure ,Tangent - Normal)
	SECOND TERM
CLASS TEST - AOD	Application Of Derivative (Continue) , Probability , Integration ,
	Aplication of Integration(Area under the curve)
	Vector Algebra , Revision Chapter ;- { Inverse Trigonometric Function , Differentiation }
UT - 2	FINAL TERM
	Differential Equation , 3 - Dimensional Geometry , L.P.P.
	Note : PRE ISC include syllabus from UT1, First term , Second Term and Final term
TWO ISC PROJECT BASED ON RELEVANT TOPIC	TWO ISC PROJECT BASED ON RELEVANT Topic
	APPLIED MATHEMATICS
	FIRST TERM
UT 1	INVERSE TRIGONOMETRY , MATRICES , DETERMINANT , DIFFERENTIATION ,
Relation and Function	APPLICATION OF DERIVATIVE (RATE MEASURE , INCREASING - DECREASING FUNCTION)
	INDEX NUMBER , MOVING AVERAGE , UT - 1
	SECOND TERM
CLASS TEST	AOD - MAXIMA - MINIMA , INDEFINITE INTEGRAL , DEFINITE INTEGRAL ,
	APPLICATION OF CALCULUS IN COMMERCE AND ECONOMICS
	PROBABILITY , REVISION CHAPTERS - DIFFERENTIATION , AOD .
	PRE ISC
TWO ISC PROJECT BASED ON RELEVANT TOPIC	PROBABILITY , DIFFERENTIAL EQUATION , L.P.P. , FINANCIAL MATH , UT 1 ,
	CLASS TEST (2nd term) , FIRST TERM , SECOND TERM .

PHYSICS

UT 1	FIRST TERM
Coulomb's law ,electric field	1.Electrostatics (Charge, Coulomb's law,Electric field)
	2.Electric potential and Capacitor
	3.Current electricity (Ohm's law and Kirchoff's law)
	4.Magnetic effect of current,Biot and Savart's law, Ampere circuital law ,
	SECOND TERM
	5.Motion of charge particle in uniform Magnetic field,Moving coil galvanometer
	6.Electromagnetic induction,
	7.Alternating current and electromagnetic waves
	8.Ray optics ,
UT - 2	FINAL TERM
Alternating Current and electromagnetic Wave	9.Wave optics
	10.Photoelectric effect and Dual nature of matter and radiation
	11. Atomic and nuclear physics
	12.Semiconductor technology and revision of entire syllabus

CHEMISTRY

UT 1	FIRST TERM
Solution & Colligative properties	Solution & Colligative properties
	Chemical kinetics , Electrochemistry
	Chemistry practical: Identification of organic compounds,(glucose, glycerol, formaldehyde,acetone)
	SECOND TERM
	Solution & Colligative properties, chemical kinetics, Electrochemistry
	Haloalkanes & haloarenes
	Alcohol ,phenols & ethers
	Aldehydes & ketones,Carboxylic acid
	Chemistry Practical:- Benzoic acid,gr-2&gr-4
UT - 2	FINAL TERM
Haloalkanes & haloarenes	Solution & Colligative properties, Chemical kinetics, Electrochemistry
	Haloalkanes & haloarenes, Alcohols,Phenols,Ethers
	Aldehydes & ketones, Carboxylic acid,
	Co-ordination compound,Amines, Biomolecules,d&f block elements
	practical chemistry: Rate of reaction,Mg strip with H ₂ SO ₄ and sodium thiosulphate with H ₂ SO ₄ , Titration.

BIOLOGY	
UT 1	FIRST TERM
Principles of Inheritance & Variation	Sexual Reproduction in Flowering plants, Principles of Inheritance & variation Molecular Basis of inheritance, Biotechnology principles & its processes. Organism & Population Revision
	SECOND TERM
	Biotechnology & its Application, Human Reproduction, Reproductive Health .Ecosystem, Revision
UT - 2	FINAL TERM
Human Health & Diseases, Microbes in human welfare	Evolution , Human Health & Diseases Microbes in Human Welfare Biodiversity & Conservation REVISION for Pre boards
COMPUTER	
UT 1	FIRST TERM
Boolean Algebra(Till 1.11), Computer Hardware-(Till 2.3.1) Address claculation, Stack notation(Prefix/postfix)	Boolean Algebra, Computer Hardware(Till 2.3.1), Java revision tour, Primitive values, Type casting and Expressions, Statement, Control Structures and Scope, Functions/Methods, Array & Strings, Compiling and running JAVA programs, Recursion, Portion covered so far in XI & XII
	SECOND TERM
	Simple Data Structure, Boolean Algebra, Computer Hardware JAVA Classes -an Oop Perspective, Objects and Classes Recursion, Portion covered so far in XI & XII
UT - 2	FINAL TERM
Program based on Recursion, Inheritance, Boolean Algebra	Recursive data structure, Concept of Inheritance Computational complexity Entire Portion covered in XI & XII
S.U.P.W.	
	FIRST TERM
	Students are instructed to participate in BLOOD DONATION CAMP in school for 12 A,B, C
	SECOND TERM
	Students are instructed to serve in CLASS CLEANING for 12 A , B, C
UT - 2	FINAL TERM
	Students need to participate in INDUSTRIAL FIELD TRIP for 12 A , B , C

PHYSICS PRACTICAL
FIRST TERM
Finding focal length of a convex lens using UV method
Finding focal length of the convex lens using DISPLACEMENT method
To find resistance of a wire using Ohm's law
SECOND TERM
Portions of first term
To find focal length of a convex lens using AUXILIARY method
To find focal length of a concave lens using AUXILIARY method
To find resistance of a piece of wire using meter bridge
FINAL TERM
Portions of first and second term
to find resistance per unit length using wheatstone bridge principle
To find specific resistance using wheatstone bridge principle