

**Motilal Nehru Public  
Jamshedpur**

**Yearly Syllabus 2016-2017  
X A,B,C**

<b>*ENGLISH LITERATURE</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
Drama- Act 2(Whole),Act-III,Scene -1	Merchant of Venice- Act III(Whole)
	Prose:India's Heroes
	Poetry: The Inchcape Rock
	Selected portion of IX to be added
<b>UT-2</b>	<b>SECOND TERM</b>
Project & Class test on Drama	Merchant of Venice- Act IV(Whole)
	Prose:Journey by Night, The Last Leaf.
<b>UT-3</b>	Poetry: Small pain in my Chest, A Doctor's Journal
Drama- Act 4(Whole)	Selected portion of IX and 1st term.
<b>PRE BOARD EXAM. PORTION</b>	
	Merchant of Venice- Act V(Whole),
Prose: Princess September. Poetry: If thou must love me.	Entire portion of IX and X.
<b>*ENGLISH LANGUAGE</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
Speaking & Listening skills	Composition(Narrative, Descriptive, Argumentative)
	Letter writing(Formal, Informal),Comprehension,
	Transformation of sentences,functional grammar and usage,
	(model test papers),Preposition,Public Speaking(Book Review,Extempore)
<b>UT-2</b>	<b>SECOND TERM</b>
Project on book review & CT on grammar	Composition(picture and topical / narrative),
	Letter writing : Formal, Informal, comprehension,
<b>UT-3</b>	transformation of sentences, functional grammar
	and usage,prepositions, tense(model test papers).Public Speaking
Listening & Speaking skills	(Debate,Gr.Discussion)
<b>PRE BOARD EXAM</b>	
Portion covered in all Unit Test, terminals, Orals, Aurals, ICSE model test papers,Public Speaking(Extempore)	

**Motilal Nehru Public  
Jamshedpur**

**Yearly Syllabus 2016-2017  
X A,B,C**

<b>*HINDI</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
Sandeh, Vyakaran sambandi prashna	Sandeh, Vinay ke Pad, Sakhi, Bhikhchuk, Jamun ka ped, Akanki Sanchay- Sukhi Daali, 2 Nibandh, 2 patra, Vyakaran sambandi prashna
<b>UT-2</b>	<b>SECOND TERM</b>
Project & CT on Kisi prasidha byakti ka byatitwa aur unka bhashan	Bhedein aur Bhediyein, Do kalakaar, Chalna hamara kaam hai, Maatri mandir ki aur, Akanki Sanchay- Mahabharat ki ek saanjh
<b>UT-3</b>	<b>PRE BOARD EXAM</b>
Bhedein aur Bhediyein, Vyakaran sambandi prashna	Vyakaran sambandhi Prashana, Apathit Gadyansh - 2, Nibandh - 2 (Varnatmak aur Vicharatmak) Patra - 2 (Aupcharik, Anaupcharik), Deep Daan
Whole book, whole grammer	Deep Daan
Vyakaran sambandhi Prashana, Nibandh - 2 (Varnatmak aur Vicharatmak)	Patra - 2 (Aupcharik, Anaupcharik),
Portion covered in whole year	
<b>*HISTORY &amp; CIVICS</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
The Union Parliament	The Union Parliament, The Union Executive, Prime Minister & Council of Ministers, The 1857 Revolt, Factors promoting nationalism, Programme & achievements of the moderates, The rise of radical nationalism, The partition of Bengal & swadeshi movement, The formation of muslim league, Rise of dictatorships in Italy & Germany.
<b>UT-2</b>	<b>SECOND TERM</b>
Project & CT on Nehru's role in NAM	Nehru's role in NAM, The Cold War, The First & Second World War, UNO The National Movement during the first World war, The national movement (1919-1934), The quit India movement, Agencies of UN
<b>UT-3</b>	<b>PRE BOARD EXAM</b>
The Union Executive (President & V.P.)	The union judiciary, World War I & II The Union Executive (President & V.P.).
Subhas Chandra Bose, Independence and the Partition of India, State Judiciary, Subordinate courts, ICSE question papers to be discussed, All chapters covered in std. IX & X The entire portion of ICSE for the Pre-board	
<b>*GEOGRAPHY</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
Climate of India, Minerals in India	Climate of India, Soils in India, Natural Vegetation of India, Mineral based Industries, Minerals in India, Map of India and Survey Map
<b>UT-2</b>	<b>SECOND TERM</b>
Project Work (Waste Management) and CT on Agriculture	Agriculture in India, Agriculture-I & Agriculture-II
<b>UT-3</b>	<b>PRE BOARD EXAM</b>
Agro based Industries in India	Agro based Industries in India, Portion covered in First term, Map of India and Survey Map
Mineral based Industries in India	
Water Resources, Transport, Waste Generation & management, Need for management of waste Reduce, reuse, recycle, ICSE question paper to be discussed, Entire syllabus covered in all terms, Map of India and Survey Map	

**Motilal Nehru Public  
Jamshedpur**

**Yearly Syllabus 2016-2017  
X A,B,C**

<b>*MATHEMATICS</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
Linear Inequations, Trigonometry, Quadratic Equation except problems	UT 1 Portion, Banking, Problems on quadratic equations, Factor Theorem, Co-ordinate Geometry -Reflection,Distance and Section Formulae, equation of straight line, Matrices,
<b>UT-2</b>	<b>SECOND TERM</b>
Project - Banking (F/D and R/D ),statistics	similarity, Statistics
Class Test - Statistics, Banking,Linear Inequations	Circles (Chord property, Arc property, Angle property, Tangent Property, Alternate segment theorem),Sales Tax and Value added tax
<b>UT -3</b>	<b>SECOND TERM</b>
Share and dividends,statistics, linear inequation,Banking, Factor Theorem	Construction,Ratio and Proportions, Locus Portion of 1st Term and UT-2
<b>PRE BOARD EXAM</b>	
Probability,,Arithmetic and Geometric progressions, Mensuration,Portion covered throughout the year, solving 5 model test papers, All chapters of 1st term, 2nd term and UT-3	
<b>*PHYSICS</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
Current Electricity, Sound	Force, Work-energy and power, Machine, sound, current electricity Electricity power and household circuit Practicals: (1) Verification of Principle of Lever using Knife edge and Meter rule (2) Refraction of light through glass slab (3) Refraction of light through glass prism
<b>UT-2</b>	<b>SECOND TERM</b>
Project & CT on Electromagnetism	Refraction of light at plane surfaces, refraction of light through a lens, spectrum Electromagnetism, FIRST TERM PORTION. Practicals : (1) Determine the focal length of a convex lense by using two pins method (2)Determine the specific heat of a metal bob by using method of mixture (3)Using simple electric circuit verifying OHM'S Law.Draw a graph and obtain the slope
<b>UT-3</b>	<b>SECOND TERM</b>
Calorimeter	
<b>PRE BOARD EXAM</b>	
Thermionic Emission and radiactivity, Entire portion of 10th std physics book, Solving the question paper of ICSE board (Last five years). Three model test paper to be solved	
<b>*CHEMISTRY</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
Electrolysis	Mole concept,Electrolysis, Acid, Bases & Salts, Ammonia, Periodic table, Chemical bonding Prac:Displacement Reaction,Simple Electrolysis,Confirmative test for gases
<b>UT-2</b>	<b>SECOND TERM</b>
Project & CT on Industrial preparation and Chemical properties of Ammonia,Nitric acid & Sulphuric acid	Metallurgy, Sulphuric acid , Nitric acid, Analytical chemistry Hydrogen chloride, Mole concept Prac:Dry Test & Flame Test
<b>UT-3</b>	<b>SECOND TERM</b>
Nomenclature of Organic compounds	
<b>PRE BOARD EXAM</b>	
Organic Chemistry, Practical chemistry ,Electrolysis of aq. Sol. of NaCl & Copper Sulphate,Whole year portion Prac:Distinction between an acidic and alkaline sol.,Action of NaOH & Ammonium Hydroxide	

**Motilal Nehru Public  
Jamshedpur**

**Yearly Syllabus 2016-2017  
X A,B,C**

<b>*BIOLOGY</b>	
	<b>FIRST TERM</b>
<b>UT-1</b>	Cell Division,Cell,Genetics,
Cell Division	Population and Pollution,Circulatory and Excretory system
	Prac:Slides of Mitosis,Exp. On Osmosis, Diffusion & Absorption,Types of Blood Cells
	<b>SECOND TERM</b>
<b>UT-2</b>	Transpiration,Photosynthesis,Endocrine System,
Practical assignment	Absorption by roots
	Prac:Exp. On Transpiration & Photosynthesis,Specimen of Brain,Heart,Eye, Ear
<b>UT-3</b>	First Aid Box
Nervous System	
<b>PRE BOARD EXAM</b>	
Nervous System,Reproductive System,Aids to Health ,Health Organization ,All Chapters of 1st and 2nd Term	
Revision of 1st & 2nd Term	
<b>*COMPUTER</b>	
	<b>FIRST TERM</b>
<b>UT-1</b>	Array ,String Handling(Some part).
Array	
<b>UT-2</b>	Entire portion covered in std IX
String	
	<b>SECOND TERM</b>
<b>UT3</b>	Using Library class-Exception Handling,Strings,Function,
Class as user defined type	
<b>PRE BOARD EXAM</b>	
Encapsulation,Constructor,Entire portion covered in std IX & X	
<b>*ETHICS</b>	
	<b>FIRST TERM</b>
	Know Yourself,Value of the Month
	<b>SECOND TERM</b>
	Spirit of Positivity,Value of the Month
	<b>FINAL TERM</b>
	Successful People as Role Models,Value of the Month
<b>*S.U.P.W.</b>	
	<b>FIRST TERM</b>
	Donation to Missonaries of Charity
	<b>SECOND TERM</b>
	Social Service to Needy(Collection of old clothes,medicines and other materials and packed in a form of gift)
	Minimum three items should be brought by each student.
	<b>FINAL TERM</b>
	Donation to Old age home