

Motilal Nehru Public

Jamshedpur

Yearly Syllabus 2018-2019**X A,B,C**

ENGLISH LITERATURE	
UT-1	FIRST TERM
The Merchant of Venice- Act III(Scene IX),Act III(Scene I)	The Merchant of Venice- Act III(Scene IX),Act IV(Scene I)
	Prose:Chief Seattle's Speech,An angel in disguise
	Poetry: The cold within, After Blenheim
	Selected portion of IX to be added
UT-2	SECOND TERM
Project & Class test on Drama	The Merchant of Venice- Act V(Scene I)
	Prose:Old man at the bridge,All summer in a day
UT-3	Poetry: The heart of the tree,I know why the caged bird sings,The patriot
Drama- Act IV(Whole)	Selected portion of IX and 1st term.
PRE BOARD EXAM. PORTION	
Merchant of Venice- Act V(Whole), Entire portion of IX and X,Revision	
ENGLISH LANGUAGE	
UT-1	FIRST TERM
Transformation of sentences, E-mail and notice	Agreement of verb with subject, Tenses & their uses(I &II),Active and passive voice, The sequence of Tenses,
	Test paper 1 to 5,(Letter-Formal & Informal,Compositions,Comprehension Passage Notice ,E-mail(To be done from test paper 1 to 5)),
UT-2	SECOND TERM
Project & Listening and speaking skill	Synthesis,Direct & Indirect speech, Transformation of sentences-I & II
UT-3	Test paper 6 to 10,(Letter-Formal & Informal,Compositions,Comprehension Passage Notice ,E-mail(To be done from Test paper 6 to 10))
Transformation of sentences,Letter writing	
PRE BOARD EXAM	
sentences,Prepositions,Articles,Test paper 11 to 15,(Letter-Formal & Informal,Compositions,Comprehension Passage Notice ,E-mail(To be done from Test paper 11 to 15))	
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UT-1	FIRST TERM
Sandeh, Vyakaran sambandi prashna	Sandeh, Vinay ke Pad, Sakhi, Bhikhchuk,
	Jamun ka ped,
	Chitralikhan,Khanilikhan, 2 Nibandh, 2 patra, Vyakaran sambandi prashna
UT-2	SECOND TERM
Project & Class test on Kisi prasidha byakti ka byatitwa aur unka bhashan	Bhedein aur Bhediyein, Do kalakaar, Chalna hamara kaam hai, Maatri mandir ki aur, Chitralikhan,Khanilikhan
UT-3	Vyakaran sambandhi Prashana,Apathit Gadyansh - 2, Nibandh - 2 (Varnatmak aur Vicharatmak) Patra - 2 (Aupcharik, Anaupcharik),
PRE BOARD EXAM	
Whole book, whole grammer	Chitralikhan,Khanilikhan,
Vyakaran sambandhi Prashana,Nibandh - 2 (Varnatmak aur Vicharatmak),Patra - 2 (Aupcharik, Anaupcharik), Protion covered in whole year	Board Proj.-Bhaktikalin kisi ek kabi ke byaktitwa aur krititwa ka pura aakalan prastut korte hue unki rachna ka udaharan de kor bykhya prastut kijie,Ek chalchitra ka barnan
HISTORY & CIVICS	
UT-1	FIRST TERM
The Union Legislature	The Union Legislature,The Union Executive(The President,Prime Minister & Council of Ministers),, Factors leading to the growth of nationalism
World War-1	First & Second Phase of Indian National movement,
UT-2	SECONDTERM
Project & Ciass Test on Life sketch & contributions of any Presidents of India	NAM,The Cold War,The First & Second World War,UNO,The Union Legislature Mass Phase of National Movement (1915-1947)The Union Judiciary
UT-3	Prime Minister & Council of Ministers
The Union Executive(President & V.P.)	
Prime Minister & Council of Ministers	
PRE BOARD EXAM	
ICSE question papers to be discussed,All chapters covered in std X	
The entire portion of ICSE for the Pre-board	
GEOGRAPHY	

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UT- I	FIRST TERM
Minerals and Energy Resources -I & II	Climate of India,Soils in India,Natural Vegetation of India, Manufacturing Industries
Survey Map	in India-II,Minerals and Energy Resources -I & II,Map of India and Survey Map
UT-2	SECOND TERM
Project Work(Waste Management) and Class Test	Agriculture in India-I,II & III
on Agriculture in India-II	Manufacturing Industries in India-I, Portion covered in First Term,
UT-3	Map of India and Survey Map
Manufacturing Industries in India-I & II	
PRE BOARD EXAM	
Water Resources ,Transport,Waste Generation & Management,Need for Management of Waste	
Reduce ,Reuse Recycle,Entire syllabus covered in all Terms, Map of India and Survey Map	
MATHEMATICS	
UT-1	FIRST TERM
Linear Inequations, Trigonometry, Quadratic Equation	UT 1 Portion, Banking, Problems on quadratic equations, Factor Theorem,
except problems	Co-ordinate Geometry -Reflection,Distance and Section Formulae,
	equation of straight line, Matrices,
UT-2	SECOND TERM
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,
UT -3	Alternate segment theorem),Sales Tax and Value added tax
Share and dividends,statistics,	Construction,Ratio and Proportions, Locus Portion of 1st Term and UT-2
linear inequation,Banking, Factor Theorem	
PRE BOARD EXAM	
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	
PHYSICS	
UT-1	FIRST TERM
Current Electricity, Sound	Force,Work-Power-Energy,Sound,Current electricity
	Electric power and household circuit, Electromagnetism

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	Practicals: (1) Verification of Ohm's law. Plotting of graph and obtain the slope
	(2) Resonating column- closed pipe. Compare the frequency of tuning forks
	(3) Verification of Snell's Law and lateral displacement using glass slab .
	(4) Determine the focal length of a convex lens by a needle and a plain mirror .
UT-2	SECOND TERM
Project & Class Test on MACHINE	Machine ,Refraction of light through plane surfaces, refraction of light through lenses,
	spectrum,Portion covered in First term.
	Practicals :(1) Lever: verification of principle of moment (Principle of lever)
	(2) Determine the focal length of a convex lense by using two pins method
	(3)Refraction through prism , determine the refractive index of a glass prism .
	(4) Calculate the specific heat of the material of the given calorimeter from
	the temprature reading and masses of cold water , warm water and its mixture
	taken in calori meter.
UT-3	
Calorimeter,Modern Physics	
PRE BOARD EXAM	
Potion covered in all terms,Last 5 years question paper solve and 3 model test paper solve	
CHEMISTRY	
UT-1	FIRST TERM
Electrolysis,Chemical bonding	Mole concept,Electrolysis, Acid, Bases & Salts,
	Ammonia, Periodic table, Chemical bonding
	Prac:Action of heat on salt
UT-2	SECOND TERM
Project & Class Test on Industrial preparation and	Metallurgy, Sulphuric acid , Nitric acid, Analytical chemistry
Chemical,properties of Ammonia,Nitric acid &	Hydrogen chloride, Mole concept
Sulphuric acid and its uses,Hydrogen chloride	Prac:Confirmative test for gases
UT-3	
Nomenclature of Organic compounds	
PRE BOARD EXAM	
Organic Chemistry, Practical chemistry ,Electrolysis of aq. Sol. of NaCl & Copper Sulphate,Whole year portion	

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Prac:Distinction between an acidic and alkaline sol.,Action of NaOH & Ammonium Hydroxide,Flame test	
BIOLOGY	
FIRST TERM	
UT-1	Cell Division,Cell,Genetics,
Circulatory System	Pollution,Circulatory and Excretory system
	Prac:Slides of Mitosis,Exp. On Osmosis, Diffusion & Absorption,Types of Blood Cells
SECOND TERM	
UT-2	Transpiration,Photosynthesis,Endocrine System,Human Revolution
Practical assignment & Class Test-Population	Absorption by roots
	Prac:Exp. On Transpiration & Photosynthesis,Specimen of Brain,Heart,Eye, Ear
UT-3	First Aid Box
Nervous System	
PRE BOARD EXAM	
Nervous System,Sense Organ,Reproductive System,Chemical Co-ordination in plants,All Chapters of 1st and 2nd Term	
Revision of 1st & 2nd Term	
COMPUTER	
FIRST TERM	
UT-1	
Using Library class-only Strings	Array ,Using Library class-only Strings,Entire portion covered in std IX
SECOND TERM	
UT-2	
Functions	Using Library class,Functions,Entire portion covered in std IX and First Term
UT3	
Class as user defined type	
PRE BOARD EXAM	
Encapsulation and Inheritance,Constructors,Using Scanner Class and Printing API in Java Entire portion covered in std IX & X	
ETHICS	
FIRST TERM	
	Know Yourself,Value of the Month
SECOND TERM	

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	Spirit of Positivity, Value of the Month
	FINAL TERM
	Successful People as Role Models, Value of the Month
	S.U.P.W.
	FIRST TERM
	Donation to Missionaries of Charity
	SECOND TERM
	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.
	FINAL TERM
	Donation to Old age home

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