



Class 12 Medical

SUBJECT	Periodic I	Term I	Periodic II	TERM II
Chemistry	Solids & Solutions.	Solids, Solutions, Surface Chemistry, d & f block element, Haloalkenes & Haloarenes, Co-ordination Compounds, Alcohol, Phenol & ethers,	1. Aldehyde, ketone, and Carboxylic acid 2. Amines (nomenclature)	1. Solid state 2. Solutions 3. p block elements 4. Haloalkanes and Haloarenes 5. Alcohol, Phenols and Ethers 6. Biomolecules
Chemistry Practical		1. Preparation of Crystals 2. Volumetric Three Expts 3. Salt Analysis (two).		
Biology	Reproduction- Plants & Humans.	Reproduction, Genetics, Molecular basis of Inheritance.	Biotechnology, Applications of Biotechnology.	Human Health & Welfare, Microorganisms, Useful to Humans. Biotechnology, Ecology.
Biology Practical		1. Permanent Slides Reproduction 2. Pollen germination 3. PH of Water Samples 4. Soil Experiments 5. Specimens.		1. Salivary Amylase- Tem & PH 2. DNA Extraction 3. Slides Mitosis 4. Pedigree Analysis (Including Half Yearly Practical's).



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Physics	Electrostatics	Electrostatics, Magnetism, Current Electricity, Electro Magnetic, Induction & AC, Electromagnetic Waves.	Optics Ray Optics, Wave Optics.	Electrostatics, Magnetism, Current Electricity, Electro Magnetic, Induction & AC, Electromagnetic Waves. Optics Ray Optics, Wave Optics. Dual Nature of Light, Atoms & Nuclei, Electronic Devices.
Physics Practical		1. Ohm's 2. Slide Wire Bridge 3. Meter bridge (Series and Parallel) 4. Potentiometer 5. Half- Deflection Method.		1. Ohm's 2. Slide Wire Bridge 3. Meter bridge (Series and Parallel) 4. Potentiometer 5. Half- Deflection Method. Focal Length of Convex Lens. 5. Focal Length of Concave Lens. 6. Combination of Mirror & Lens 7. Prism 8. P-N Junction diode 9. Zener Diode 10. Refractive Index.
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English	The Last Lesson, My Mother At Sixty-Six (p), Wizard Hit Mommy.	Flamingo- 1. Last Lesson, Lost Spring, Deep Water, Rattrap, My mother at sixty six, Elementary School classroom in a slum, Keeping quiet, A thing of beauty, Aunt Jennifer's Tigers Vistas- 1. Third Level 2. Should wizard hit mommy	Indigo, On the face of it, Invitations and replies, Notices, Resume letter, Letters, Advertisements	Evans Tries o level, Third Level Indigo, Advertisements. (Including Periodic I + Half Yearly + Periodic II)
	Writing Skills Notices, Letters to The Editor, Job Applications with Resume.	-	-	The entire Writing Skills will be Practiced. (Including Periodic I + Half Yearly + Periodic II)
Mathematics	Relation, Functions, Inverse Trigonometric Functions, Matrices and Determinants. Adjoint and inverse.	Relation, Functions, Inverse Trigonometric Functions, Matrices and Determinants. Higher order Differentiation Derivatives, Application of Derivatives, as rate measures Differentiations. Solution of simultaneous equations continuity differentiability (Including all the topics of Periodic-I).	1)Linear programming 2)indefinite integrals 3)Definite integrals	1)Indefinite integrals 2)Definite integrals 3)Area bounded regions 4)Differential equation 5)Algebra of vectors 6)Scalar and vector product 7)Straight lines 8)The plane 9)PROBABILITY 10)Three dimensional Geometry



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Physical Education	Planning in Sports, Sports and Nutrition, Yoga and Life Style.	Unit 1 :- Planning in sport Unit 2 :- Sport & nutrition Unit 5 :- Children & women in sports Unit 6:- Test & measurement in sports Unit 8:- biomechanics & sports Practical:- Project File (About one sport/game of choice) Demonstration of Fitness Activity Viva Voice(from Project file; fitness)	1.Test and Measurement in sports 2.Biomechanics and sports	Unit 3 :- Yoga and life style Unit 4 : - Physical education & sports for CWSN Unit 7:- Physiology and injuries in sports Unit 9 :- Psychology & sports Unit 10 :- Training in sports Practical :- Project file (Yoga and General Motor Fitness Test) Demonstration of fitness activity/Yoga Viva voce (From Project file General Motor Fitness; Yoga)
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Psychology	1.Variations in Psychological Attributes 2. Self and Personality	1.Variations in Psychological Attributes 2. Self and Personality 3.Metting Life Challenges 4. Psychological Disorders	1. Therapeutic Approaches 2. Attitude and social Cognition	1.Social influence and group Processes (Including Periodic I+ Half Yearly+ Periodic II)
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