Half Yearly Examination Syllabus

Class X.

Subject	Topics
English Language	1. Composition 2. Letter(Formal or Informal) 3. Notice 4. E-mail 5. Comprehension 6. Grammar (Structure and use of language)
English Literature	**Poems** 1. Heart of the tree 2. The cold within 3. The bangle sellers 4. After Blenheim 5. Television **Prose** 1. Chief Seattle's speech 2. Old man at the bridge 3. A horse and two goats 4. Hearts and hands 5. A face in the dark **Drama** 1. Act I,II and III
Hindi	1. निबंध लेखन 2. अपठित गद्यांश 3. पत्र लेखन

	4. व्याकरण ज्ञान
	   a- पर्यायवाची शब्द
	   b- विलोम शब्द
	
	5. साहित्य सागर (कहानी एवं कविता)
	   a- बड़े घर की बेटी
	   b- भेड़ और भेड़ियें
	   c- सूर के पद
	   d- विनय के पद

History/Civics	**<u>History</u>** 1. The first war of Independence 2. Growth of nationalism 3. First phase of National Movement 4. Second phase of National Movement 5. Muslim League 6. Mahatma Gandhi and National Movement 7. Quit India Movement 8. First World war 9. Second World war 10. United Nations 11. Major agencies of UN **<u>Civics</u>** 1. Union Parliament 2. Prime Minister and Council of ministers 3. Supreme Court
Geography	1. Interpretation of Topographical maps(Theory)

	2. Map of India
	3. Location extent and Physical features (Only through map)
	4. Climate
	5. Soil resources
	6. Natural vegetation
	7. Water resources
	8. Mineral and energy resources
	9. Agriculture
	10. Transport
Physics	1. Force, Work, Power and Energy
	2. Light
	3. Sound
	4. Electricity and Magnetism
	5. Heat
Chemistry	1. Periodic Table
	2. Chemical bonding
	3. Analytical Chemistry
	4. Mole concept
	5. Electrolysis
	6. Metallurgy
	7. Hydrogen Chloride
	8. Ammonia
Biology	1. Cell Cycle and cell division
	2. Structure of chromosome
	3. Absorption by roots
	4. Transpiration
	5. Photosynthesis
	6. Circulatory system
	7. Excretory system
	8. Nervous system
	9. Endocrine system
Computer Application	1. Revision of class IX syllabus

	2.class as the basis of all computation 3. User defined methods 4. Constructors 5.String Handling 6. Class based programs, Number based programs, Function overloading programs, Series programs
Mathematics	1.Goods and Service Tax 2.Banking 3.Linear In equations 4.Quadratic Equations in one variable 5.Ratio and Proportion 6.Factorisation of polynomials 7.Matrices 8.Arithmetic Progression 9.Reflection 10.Co-ordinate Geometry 11.Arithematic Mean, Median ,Mode and Quartiles 12.Probability 13.Trigomometrical Identities 14.Heights and Distances.