

**CLASS – IX**

**TERM – WISE SYLLABUS (2018-19)**

**English Language**

<b>First Term</b>	<b>Second Term</b>	<b>Third Term</b>
1.Total English:Practice papers 2 to 7 2.Compositions:Descriptive, Narrative,Argumentative,Imaginative 3.Letters-Formal and Informal,Notice and E-mail 4.Grammar sheets and exercises based on the following topics: (i)Active-Passive voice (ii)Direct-Indirect speech (iii)Tenses (iv)Conjunctions (v)Preposition, Phrasal Verbs (vi)Interchange of degree of comparison (vii)Do as directed exercises 5.Assignments(2)	1.Total English: Practice Papers 8 to 12 2.Compositions 3.Letters 4.Grammar sheets and exercises on all topics 5.Assignments (2)	1.Practice papers: 13 to 15 2.Compositions 3.Letters 4.Grammar exercises on all topics 5.Assignments (2)

**English Literature**

1.Merchant of Venice:Act I, Act II Sc.1-4 2.Poems: (i)Television(ii)After Blenheim 3.Short Stories: (i) Old man at the bridge(ii)A Horse and two goats	1.Merchant of Venice:Act II Sc.5-9 2.Poems:(i) The Bangle Sellers(ii)I The Heart of the tree (iii) The cold within 3.Short Stories:(i)Hearts and Hands (ii)An Angel in Disguise(iii)A Face in the Dark	1.Merchant of Venice:Act III Sc.1 2.Poems:(i)Daffodils 3.Short Story:(i)Chief Seattles Speech
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**Mathematics**

1.Rational and Irrational numbers 2.Expansions 3.Factorisation 4.Simultaneous Linear equations 5.Problems on Simultaneous Linear equations 6.Triangles 7.Mid- point Theorems 8.Pythagoras Theorem 9.Mensuration	1. Rectilinear figures 2.Theorems on Area 3.Indices 4.Logarithms 5.Trigonometrical ratios 6.Trigonometrical ratios of Standard Angles	1.Compound Interest 2.Circles 3.Co-ordinate Geometry 4.Statistics
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**History and Civics**

CIVICS:1.Our Constitution 2.Basic features of Our Constitution 3.Fundamental Rights and Duties	CIVICS:1.Directive Principles of the State Policy 2.The Election and Election	CIVICS:1.Local Self Government(Rural ) 2.Local Self Government (Urban)
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HISTORY:1.The Harappan Civilization 2.The Vedic Period 3.Jainism and Buddhism 4.The Mauryas 5.The Sangam Age	Commission HISTORY:1.The Age of the Guptas 2.The Cholas 3.The Delhi Sultanate 4.The Age of Mughals	HISTORY: 1.The Renaissance 2.The Reformation 3.The Industrial Revolution 4.Emergence of a Composite Culture
<b>Geography</b>		
1.The Earth as a Planet 2.Geographic Grid-Longitudes and Latitudes 3.Rotation and Revolution 4.Earth's Structure 5.Landforms of the Earth 6.RocksWorld Map	7.Volcanoes 8.Earthquakes 9.Weathering 10.Denudation 11.Hydrosphere 12.Composition & Structure of the AtmosphereWorld Map	13.Insolation 14.Atmospheric Pressure and Winds 15.Humidity 16.Pollution(sources,effects and preventive measures) 17.Natural Regions of the World World Map
<b>Physics</b>		
1.Measurements and experimentation 2.Motion in one Dimension 3.Laws of Motion <u>Practicals:</u> 1.To determine the external diameter, Internal diameter and Internal depth of given hollow cylinder with the help of vernier calipers. 2.To determine the diameter of the cylinder with the help of screw gauge 3.To determine the value of acceleration due to gravity with the help of simple pendulum 4.To verify experimentally 2 <sup>nd</sup> Law of Newton	4.Pressure in fluids and atmospheric pressure 5.Upthrust in fluids, Archimedes principle and floatation 6.Heat and Energy <u>Practicals:</u> 5.To observe the concept of Buoyancy experimentally 6.With the help of hydrometer measurement of R.D. of different liquids 7.Demonstration of Barometer and experimental verification of Pascals law	7.Reflection of light 8.Propagation of Sound waves 9.Current Electricity 10.Magnetism <u>Practicals:</u> 8.To determine the focal length of concave and convex mirror 9.Demonstration of formation of Transverse waves 10.Demonstration of different electrical instruments 11.Ohm's Law
<b>Chemistry</b>		
1. The Language of Chemistry 2.Chemical changes and reactions 3.Study of Gas laws 4.Atomic Structure and Chemical bonding	1.The Periodic Table 2.Atmospheric Pollution 3.Water	1.Hydrogen 2.Practical Work
<b>Biology</b>		
1.The Cell 2.Tissues 3.The Flower 4.Pollination and Fertilization 5.Nutrition in Man 6.Nutrition in Animals 7.Aids to health	1.Movements and locomotion 2.Structure and germination of seeds 3.Digestive system of Man 4.Health and Hygiene 5.Health Organization	1.Diversity in living organisms 2.Skin-"The Jack of all Trades" 3.The Respiratory System 4.Economic importance of Bacteria and Fungi 5.Sources of waste 6.Waste

<p>PRACTICALS:1.Examination of onion peel 2.Cross pollinated flower to be examined and identified 3.Human Cheek cell</p>	<p>6.Respiration in Plants PRACTICALS:1.Specimen of germinating seed with plumule radicle bean and maize 2.Food Test</p>	<p>ManagementPRACTICALS:1.Examination and identification of specimens of Porifera,Coelenterata,Annelida,Platyhelminthes,Arthropoda,Mollusca and Echinodermata 2.Experiment to show mechanism of breathing 3.Preparation of report from various source of waste/ water treatment plant.</p>
<b>Computer Applications</b>		
<p>1.Operating System 2.INTERNET 3.Computer Ethics 4.Elementary Concepts of JAVA</p>	<p>1.Values and Types in JAVA 2.Conditional Statement - if....else -if....else if -nested if 3.LOOPS - for-While -do...while 4.Programs based on above statements in JAVA</p>	<p>1.LOOPS Cont.-Nested LOOPS 2.Programs based on above statements in JAVA</p>
<b>Commercial Applications</b>		
<p>1.Introduction to Commercial Organizations 2.Ownership Structures-Sole proprietorship and Joint Hindu Family Business 3.Ownership Structures-Partnership 4.Ownership Structures-Joint Stock Company</p>	<p>5.Ownership Structures-Cooperative Society 6.Public Sector Enterprises 7.Functioning of a Commercial Organization 8.Communication in a Commercial organization</p>	<p>9.Ways of Communication 10.Tools of Communication 11.Nature and Terminology of Accounting 12.Accounting Records 13.Natural Resources 14.Depletion of Resources 15.Practices for Conservation of Resources 16.Industrial Pollution and Degradation of Environment</p>
<b>Hindi</b>		
<p><b>साहित्य सागर:</b> गध्य खंड: १) बात अठन्नी की २) काकी <b>पद्य खंड:</b> १) साखी २) गिरधर की कुण्डलियाँ <b>व्याकरण</b> औपचारिक पत्र – १</p>	<p><b>साहित्य सागर:</b> गध्य खंड: ३) महायज्ञ का पुरस्कार ४) नेताजी का चश्मा <b>पद्य खंड :</b> ३) स्वर्ग बना सकते हैं ४) यह जन्मभूमि मेरी <b>व्याकरण</b></p>	<p><b>साहित्य सागर:</b> गध्य खंड: ५) अपना अपना भाग्य <b>पद्य खंड :</b> ५) मेघ आये ६) सूर के पद्य <b>व्याकरण</b> औपचारिक पत्र – १</p>

अनौपचारिक पत्र -१ निबंध - १ अपठित गद्यांश- १-५व्यवहारिक व्याकरण	औपचारिक पत्र - १ अनौपचारिक पत्र -१ निबंध - १ अपठित गद्यांश- ६-१० व्यवहारिक व्याकरण	अनौपचारिक पत्र -१ निबंध - १ अपठित गद्यांश- - १०-१२ पुनरावृत्ति
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