

Syllabus : 2021 - 22

Class : IX

<b>English Language - IX</b>	
<b>Half Yearly Exam</b>	<b>Final Exam</b>
<ul style="list-style-type: none"><li>- Composition</li><li>- Letter writing</li><li>- Notice writing</li><li>- E mail writing</li><li>- Comprehension</li><li>- Transformation of Sentences</li><li>- Prepositions</li><li>- Tenses</li></ul>	<ul style="list-style-type: none"><li>- Composition</li><li>- Letter writing</li><li>- Notice writing</li><li>- E mail writing</li><li>- Comprehension</li><li>- Transformation of Sentences</li><li>- Prepositions</li><li>- Tenses</li></ul>
<b>English Literature - IX</b>	
<p><u>The Merchant of Venice</u> : Act I and Act II</p> <p><u>Treasure Trove</u> :</p> <p style="text-align: center;"><u>Poems</u></p> <ol style="list-style-type: none"><li>1. Heart of a Tree</li><li>2. The Cold Within</li><li>3. Bangle Sellers</li></ol> <p style="text-align: center;"><u>Stories</u></p> <ol style="list-style-type: none"><li>1. Chief Seattle's Speech</li><li>2. The Old man at the Bridge</li><li>3. A Horse and Two Goats</li></ol>	<p><u>The Merchant of Venice</u> : Act III : Scene 1 ( + Half Yearly Syllabus )</p> <p><u>Treasure Trove</u> :</p> <p style="text-align: center;"><u>Poems</u></p> <ol style="list-style-type: none"><li>1 After Blenheim</li><li>2 Television</li><li>3 Daffodils</li></ol> <p style="text-align: center;">( + Half Yearly Syllabus )</p> <p style="text-align: center;"><u>Short Stories</u></p> <ol style="list-style-type: none"><li>1 Hearts and Hands</li><li>2 A face in the Dark</li><li>3 Angel in Disguise</li></ol> <p style="text-align: center;">( + Half Yearly Syllabus )</p>

<b>Hindi - IX</b>	
<b>Half Yearly Exam</b>	<b>Final Exam</b>
<p style="text-align: center;"><b>1 साहित्य सागर – गद्य भाग</b></p> <p>i) बात अठन्नी की                      ii) काकी iii) महायज्ञ का पुरस्कार</p> <p style="text-align: center;"><b>2 एकांकी संचय</b></p> <p>i) संस्कार और भावना    ii) बहू की विदा</p> <p style="text-align: center;"><b>3 भाषा ( Hindi language links )</b> निबन्ध लेखन अभ्यास, पत्र लेखन, अपिठत गद्यांश व्याकरण पाठ्य पुस्तक पर आधारित कार्य ।</p>	<p style="text-align: center;"><b>1 साहित्य सागर गद्य भाग</b></p> <p>iv) नेताजी का चश्मा    v) अपना अपना भाग्य vi) बड़े घर की बेटी</p> <p style="text-align: center;"><b>2 एकांकी संचय</b></p> <p>iii) मातृभूमि का मान    iv) सूखी डाली</p> <p style="text-align: center;"><b>3 भाषा ( Hindi language links )</b> निबन्ध लेखन अभ्यास, पत्र लेखन, अपिठत गद्यांश, व्याकरण पाठ्य पुस्तक पर आधारित कार्य ।</p>
<b>Physics – IX</b>	
<ol style="list-style-type: none"> <li>1. Measurement and Experimentation</li> <li>2. Motion in one dimension</li> <li>3. Laws of Motion</li> <li>4. Pressure in Fluids</li> <li>5. Upthrust and Archimedes Principle</li> <li>6. Heat and Energy</li> <li>7. Energy flow and Practices for conservation of Resources</li> </ol>	<ol style="list-style-type: none"> <li>1. Light</li> <li>2. Sound</li> <li>3. Electricity and Magnetism - I</li> <li>4. Electricity and Magnetism - II ( + Half Yearly Syllabus )</li> </ol>
<b>Chemistry – IX A new approach to ICSE Chemistry ( Goyal )</b>	
<ol style="list-style-type: none"> <li>1. Language of Chemistry</li> <li>2. Study of Gas Laws</li> <li>3. Atomic structure &amp; chemical bonding</li> <li>4. Atmospheric Pollution</li> <li>5. Chemical change and reaction</li> </ol>	<ol style="list-style-type: none"> <li>1. Periodic table</li> <li>2. Study of first Group elements – Hydrogen</li> <li>3. Water ( + Half Yearly Syllabus )</li> </ol>

<b>Biology – IX ( Goyal Brothers Prakashan )</b>	
<b>Half Yearly Exam</b>	<b>Final Exam</b>
1. The Cell 2. The Tissue 3. The Flower 4. Pollination and Fertilisation 5. Five kingdom classification 6. Kingdom, Plantae 7. Nutrition, classes of Food 8. Digestive System 9. Health and Hygiene	1. Seed structure Type & Germination 2. Respiration in Plants 3. Kingdom Animalia 4. Economic Importance of Bacteria and Fungi. 5. Skeleton : Movement and Locomotion. 6. Structure and function of skin. 7. Respiratory system 8. Waste Generation and Management ( + Half Yearly Syllabus )
<b>Mathematics – IX</b>	
1. Rational and Irrational numbers ( pure arithmetic ) 2. Compound Interest (commercial maths 3. Expansion 4. Indices 5. Logarithms } Algebra <u>Geometry</u> 6. Triangles 7. Mid point theorem and Intercept theorem 8. Pythagoras theorem 9. Quadrilaterals 10. Areas of parallelogram and Triangles <u>Mensuration</u> 11. Perimeter and Area of plane Figure 12. Circumferences and Area of a circle	<u>Algebra</u> 1. Factorisation 2. Simultaneous Linear Equations <u>Geometry</u> 3. Chord properties of a circle 4. Arc properties of circle <u>Statistics</u> 5. Frequency distribution 6. Mean, median of ungrouped data and frequency polygon <u>Mensuration</u> 7. Volume and surface Area of solids 8. Trigonometrical Ratios (Trigonometry) 9. Co- ordinate Geometry ( + Half Yearly Syllabus ) Ref books : i) R. S. Agarwal ii) M. L. Agarwal

<b>Computer Applications – IX ( Syntax 9 by Kips Publication )</b>	
<b>Half Yearly Exam</b>	<b>Final Exam</b>
<ul style="list-style-type: none"> <li>- Introduction to Object Oriented Programming</li> <li>- Elementary concept of Object and Classes</li> <li>- Values and data types</li> <li>- Operators in Java</li> <li>- Input in Java</li> </ul>	<ul style="list-style-type: none"> <li>- Mathematical Library Methods</li> <li>- Conditional constructs in Java</li> <li>- Iterative constructs in Java</li> <li>- Nested for loops</li> <li>- Computing and Ethics ( + Half Yearly Syllabus )</li> </ul>
<b>History &amp; Civics - IX ( ICSE History &amp; Civics for class IX - D. N. Kundra ) ( Goyal )</b>	
<p><u>History</u> :</p> <ol style="list-style-type: none"> <li>1. The Harappan Civilisation</li> <li>2. The Vedic India</li> <li>3. Jainism and Buddhism</li> <li>4. The Mauryan Empire</li> <li>5. Sangam Age</li> <li>6. The Age of the Guptas</li> </ol> <p><u>Civics</u></p> <ol style="list-style-type: none"> <li>1. Our Constitution</li> <li>2. Basic Features of the Constitution</li> <li>3. Fundamental Rights and Duties</li> </ol>	<p><u>History</u> :</p> <ol style="list-style-type: none"> <li>1. Medieval India – South India and the Cholas</li> <li>2. Medieval India – The Delhi Sultanate</li> <li>3. The Mughal Empire</li> <li>4. Composite Culture : The Sufi and Bhakti Movements</li> <li>5. Modern Age in Europe : The Renaissance</li> <li>6. The Reformation</li> <li>7. The Industrial Revolution ( + half yearly syllabus )</li> </ol> <p><u>Civics</u> :</p> <ol style="list-style-type: none"> <li>1. Elections</li> <li>2. Local Self Government - Rural</li> <li>3. Local Self Government - Urban ( + Half Yearly Syllabus )</li> </ol>

<b>Geography - IX ( Our Earth Comprehensive Geography Part - I )</b> ( Frank Educational Aids )	
<b>Half Yearly Exam</b>	<b>Final Exam</b>
1. The Earth As a Planet 2. Earth as the Home of Humankind. 3. Geographic Grid. 4. Rotation And Revolution 5. Earth's Structure 6. Landforms of the Earth 7. Rocks and Minerals 8. Pollution and its Types 9. Sources of Pollution 10. Humidity 11. Insolation  Map Work : Maps of World a) Waterbodies      b) Rivers c) Mountains        d) Plateaus	12. Volcanoes 13. Earthquakes 14. Weathering 15. Agents of Denudation : River and Wind 16. Movement of Ocean Water : Continents and Tides 17. Composition and structure of the Atmosphere 18. Atmospheric Pressure and Winds 19. Effects of Pollution 20. Preventive Measures Against Pollution 21. Natural Regions of the World ( + Half Yearly Syllabus ) Map Work : Maps of World b) Waterbodies      b) Rivers c) Mountains        d) Plateaus
<b>Commercial Studies ( ICSE Commercial Studies IX - Dr C. B. Gupta, Goyal Brothers Prakashan )</b>	
1. Commercial and Non - Commercial Activities 2. Business Activities 3. Profit and Non - Profit Organisations 4. Classification of Commercial organisations 5. Sole Proprietorship and Hindu Undivided Family Business	1. Communication in Commercial Organisations 2. Verbal and non-verbal communication 3. Different methods of communication 4. Meaning, Objectives and terminology of Accounting.

<b>Commercial Studies - IX contd.....</b>	
<b>Half Yearly Exam</b>	<b>Final Exam</b>
<ul style="list-style-type: none"> <li>6. Partnership</li> <li>7. Joint Stock Company</li> <li>8. Cooperative Society</li> <li>9. Public Sector Enterprises</li> <li>10. Marketing and Sales</li> <li>11. Finance and Accounts</li> <li>12. Human Resources</li> <li>13. Production</li> <li>14. Purchasing and Stores</li> <li>15. General Administration, Legal Compliance and Management , Information System Department</li> </ul>	<ul style="list-style-type: none"> <li>5. Basic Accounting Principles and Concepts</li> <li>6. Accounting Book and Statements</li> <li>7. Banking</li> <li>8. Trade</li> <li>9. Social Responsibility of commercial Organisations towards the Environment.</li> </ul> <p style="text-align: center;">( Revision of full Half Yearly Syllabus )</p>