



# St. Mary's Convent Inter College

LUCKNOW

**Class- 10**

**Syllabus for 1st Term 1st Assessment (20 Marks)**

**2018-2019**

| Subject        | Syllabus  |
|----------------|---|
| Chemistry      | Ch-1 Periodic Table<br>Ch-2 Chemical Bonding                                  |
| Geography      | Ch-4 Climate of India.<br>Maps of India.                                      |
| English Lit    | The Merchant Of Venice Act IV Scene I and II                                  |
| English Lang   | 1. Email<br>2. Notice<br>3. Do as Directed                                    |
| Hindi          | 1 जामुन का पेड़.<br>2 मेघ आए<br>व्यावहारिक व्याकरण                            |
| Biology        | Ch-1 Cell Cycle, Cell Diversion and structure of Chromosome.<br>Ch-2 Genetics |
| Computer       | Arrays  |
| History/ Civis | Civics: The union Legislature   |
| Maths          | Linear Inequations<br>Quadratic Equations<br>Factorization                    |
| Physics        | 1. Force<br>2. Work energy and Power  |
| Economics      | 1 Demand: Law of Demand and Determinants of Demand.                           |



**Class 10**  
**Syllabus of Half Yearly Examination (80 Marks)**

**2018-2019**

| SUBJECT          | EXAM SYLLABUS   |
|------------------|---|
| Geography        | Ch. No. 4. Climate of India.<br>Ch. No. 5. Soils Resources in India.<br>Ch. No. 6. Natural Vegetation.<br>Ch.No.7. Water Resources.<br>Ch.No.8. Mineral and Energy Resources-I<br>Ch.No.9 Mineral and Energy Resources -II<br>Topographical Maps.<br>Maps of India.   |
| Physics          | Ch 1. Force<br>Ch 2. Work energy and Power<br>Ch. No.3.Machines<br>Ch.No.4. Refraction Of Light at Plane Surfaces<br>Ch.No.5. Refraction through a Lens<br>Ch.No.6. Spectrum  |
| Mathematics      | 1. Linear Equations<br>2. Factorizations<br>3. Reflections<br>4. Quadratic Equations<br>5. Section Formulae<br>6. Equation of Straight line<br>7. Construction<br>8. Trigonometrical Identities<br>9. Trigonometrical Tables<br>10. Heights and Distance<br>11. Measure of central Tendency<br>12 Probability<br>13 Banking |
| Computer Science | . Introduction to Java<br>. Values and Datatypes<br>. Operators and Expressions<br>. Conditional Statements<br>. Looping Statements<br>. Arrays<br>. String Handling<br>. Class and Object  |



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|--------------------|--|
| History and Civics | <p><b>History-(The Indian National Movement)</b><br/>           Ch. No.1. The First War of Independence<br/>           Ch. No.2. Factors Promoting the Growth of Nationalism and Foundation of the Indian National Congress<br/>           Ch. No. 3. Programme and Achievements' of the Early Nationalists<br/>           Ch. No. 4. The Rise Of Assertive Nationalism<br/>           Ch.No.5.Partition of Bengal, Swadeshi and Boycott Movements<br/> <b>(The Contemporary World)</b><br/>           Ch.No.11.The First World War<br/>           Ch.No.12.The Rise Of Dictatorship (Fascism and Nazism)<br/>           Ch.No.13.The Second World War<br/> <b>Civics-</b><br/>           Ch. No. 1. The Union Legislature<br/>           Ch.No.2. The Union Executive</p> |
| English Language   | <p><b>Chapter 1 to 8</b> of Total English<br/>           Formal and Informal Letters<br/>           Essay Writing- All types of Compositions,<br/>           Email<br/>           Notice<br/>           Comprehension Passage<br/>           Functional Grammar.</p>   |
| English Literature | <p><b>The Merchant Of Venice</b><br/>           Act I, II, III and Act IV<br/>           (All Scenes)<br/> <b>Short Stories</b><br/>           a) An Angel in disguise- T.S. Arthur<br/>           b) The Little Match Girl- Hans Christian Andersen<br/>           c) The Blue Bead- Norah Burke<br/> <b>POETRY</b><br/>           a) Television- Roald Dahl<br/>           b) Know Why The Caged Bird sings- Maya Angelou<br/>           c) The Patriot- Robert Browning</p>   |
| Chemistry          | <p>Ch. No.3. <b>A.</b> Acid, Base and Salt<br/> <b>B.</b> Analytical Chemistry<br/>           Ch.No.4.Mole Concept and Stoichiometry<br/>           Ch.No.5.Electrolysis<br/>           Ch-1 and Ch-2</p>  |
| Hindi              | <p>. जामुन का पेड़<br/>           . संदेह<br/> <b>Poetry</b><br/>           . मेघ आए<br/>           . विनय के पद</p>   |



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|           | <p>.भिक्षुक</p> <p><b>Grammar -</b></p> <ol style="list-style-type: none"><li>1) प्रस्ताव लेखन</li><li>2) पत्र लेखन प्रार्थना पत्र</li><li>3) निजी पत्र व अन्य औपचारिक पत्र</li><li>4) अपठित गद्यांश</li><li>5) व्यावहारिक व्याकरण</li></ol>   |
| Biology   | <p>Ch-1. Cell Cycle, Cell Division and structure of Chromosome</p> <p>Ch-2. Genetics</p> <p>Ch-7. Circulatory System.</p> <p>Ch-8. Excretory System.</p> <p>Ch-9 Nervous System</p> <p>Ch-10. Sense Organs.</p> <p>Ch-13 Human Population</p> <p>Ch-14 Human evolution</p> <p>Ch-15 Pollution</p>  |
| Economics | <ol style="list-style-type: none"><li>1 Demand: Law of Demand and Determinants of Demand.</li><li>2 Supply: Law of Supply and Determinants of Supply</li><li>3 Elasticity Of Demand and Supply</li><li>4 Factors of Production: Land and Labour</li><li>5 Forms of Market Structure: Basic Concepts</li><li>6 Banking: Commercial Bank and Central Bank.</li></ol> |



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**Class 10**

**Syllabus For IInd Term Ist Assessment (20 Marks)**

**2018-2019**

| <b>Subject</b> | <b>Syllabus</b>                |
|----------------|--------------------------------|
| Chemistry      | Ch-6 Study of Compounds        |
| Geography      | Project Files                  |
| English Lit    | Project Files.                 |
| English Lang   | Listening and speaking Skills. |
| Hindi          | Pre Board Syllabus             |
| Biology        | Project Files                  |
| History/Civics | Project File                   |
| Maths          | 1 Similarity<br>2 circles      |
| Physics        | Pre Board Syllabus             |



**Class -10**

**Syllabus for Final Examination (Pre Boards)**

**2018-2019**

| <b>Subject</b> | <b>Syllabus</b>   |
|----------------|---|
| Chemistry      | Entire syllabus (Ch-1,2,3,4,5,6,7,8,9)  |
| Geography      | Ch- 4. Climate of India.<br>Ch-5. Soils Resources<br>Ch- 6. Natural Vegetation.<br>Ch-7. Water Resources.<br>Ch-8. Mineral and Energy Resources-I<br>Ch-.9 Mineral and Energy Resources -II<br>Ch-10 Agriculture in India-I<br>Ch-11 Agriculture in India-II<br>Ch-12 Agriculture in India-III<br>Ch-13 Manufacturing industries in India- I<br>Ch-14 Manufacturing industries in India- II<br>Ch-15 Transport<br>Ch-16 Impact of Waste Accumulation<br>Ch-17 Need for Management of Waste<br>Ch-18 Method of Safe Disposal of waste<br>Ch-19 Need and Method for Reducing, Reusing and recycling waste.<br>Map Of India<br>Topographical Maps. |
| English Lit    | <b>The Merchant Of Venice</b> Act I, II, III , IV and V.<br><b>Short Stories</b><br>1Chief Seattles Speech<br>2Old man at the bridge- Ernest Hemingway<br>3A Horse and Two Goats- R.K Narayan<br>4Hearts and hands – O. Henry<br>5 A Face in the Dark- Ruskin Bond<br>6 An Angel in disguise- T.S. Arthur<br>7The Little Match Girl- Hans Christian Andersen<br>8 The Blue Bead- Norah Burke<br>9 My Greatest Olympic prize- Jesse Owens<br>10 All Summer in a Day- Ray Dovglas Bradbury<br><b>Poetry</b><br>1 The Heart of the Tree- Henry Cuyler Bunner<br>2 The Cold within- James Patrick Kinney  |



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|                 | <p>3 The Bangle Sellers- Sarojini Naidu<br/>         4 After Blenheim- Robert Southey<br/>         5 Television- Roald Dahl<br/>         6 Daffodils – Welliam Words worth<br/>         7 Know Why The Caged Bird sings- Maya Angelou<br/>         8The Patriot- Robert Browning<br/>         9 Abou Ben Adhem- Leigh Hunt<br/>         10 Nine Gold Medals- David Roth</p>   |
| English Lang    | <p><b>Chapter 1 to 15</b> of Total English<br/>         Formal and Informal Letters<br/>         Essay Writing- All types of Compositions<br/>         Email<br/>         Notice<br/>         Comprehension Passage<br/>         Functional Grammar.</p>  |
| Hindi           | <p><b>Prose</b><br/>         भेड़े और भेड़िए<br/>         दो कलाकार</p> <p><b>Poetry</b><br/>         चलना हमारा काम है<br/>         मातृमंदिर की ओर</p> <p><b>Language</b><br/>         1) प्रस्ताव लेखन<br/>         2) पत्र लेखन - प्रार्थना पत्र<br/>         3) निजी पत्र व अन्य औपचारिक पत्र<br/>         4) अपठित गद्यांश<br/>         5)व्यावहारिक व्याकरण</p> <p><b>पद्य गद्य (सम्पूर्ण पाठ्यक्रम)</b></p> |
| Biology         | Full syllabus   |
| Computer        | <p>1 Syllabus of Class 8 JAVA<br/>         2 Syllabus of Class 9<br/>         3 Arrays<br/>         4 String Handling<br/>         5 Class and object<br/>         6 Functions<br/>         7 Exception Handling</p>  |
| History/ Civics | <p><b>History</b><br/>         6 Formation of the Muslims League<br/>         7 The National Movement (During the First World War)<br/>         8 Mahatma Gandhi and National Movement<br/>         9 The National Movement (1935-42)<br/>         10 The Last Phase- Partition of India (1942-1947)</p>  |



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|-----------|---|
|           | <b>THE CONTEMPORARY WORLD</b><br>Ch-14 The United Nations<br>Ch-15 Major Agencies of the United Nations Organization<br>Ch-16 The Non- Aligned Movement.<br><b>Civics</b><br>3 The Union Judiciary: The Supreme Court<br>4 The state judiciary: The High Court<br>5 Subordinate Courts. + First term full Syllabus. |
| Maths     | Full Syllabus   |
| Physics   | Full Syllabus   |
| Economics | 7 Factors of Production: Capital and Entrepreneur.<br>8 The Role of State in Economic Development<br>9 Public sector Enterprises and Their Privatization.<br>10 Money and Inflation.  |

