

## Syllabus for the Class XI Entrance Exam

(2017-2018)

Subjects	Syllabus
English	<ul style="list-style-type: none"><li>➤ Letter to the Editor</li><li>➤ Paragraph Writing</li><li>➤ Myself (essay)</li></ul>
Physics	<ul style="list-style-type: none"><li>➤ Light – Reflection and Refraction</li><li>➤ Magnetic Effects of Electric Current</li></ul>
Biology	<ul style="list-style-type: none"><li>➤ Hereditary and Evolution</li><li>➤ Life Process</li><li>➤ Control and Coordination</li></ul>
Chemistry	<ul style="list-style-type: none"><li>➤ Mole Concept (Class IX)</li><li>➤ Carbon and its Compounds (Class X)</li><li>➤ Metals and Non Metals (Class X)</li><li>➤ Chemical Reactions and Equations (Class X)</li><li>➤ Periodic Classification of Elements (Class X)</li></ul>
Social Sciences	<ul style="list-style-type: none"><li>➤ Development</li><li>➤ Money and Credit</li><li>➤ Globalization and Indian Economy</li><li>➤ Consumer Rights</li><li>➤ Agriculture</li><li>➤ Democracy &amp; Diversity</li><li>➤ Nationalism - India</li></ul>
Mathematics	<p><b>Section A (For PCM &amp; Humanities students opted for Economics )</b></p> <ul style="list-style-type: none"><li>➤ Trigonometry (Terms I)</li><li>➤ Quadratic Equations (Term II)</li><li>➤ Arithmetic Progressions (Terms II)</li><li>➤ Polynomials (Term I)</li><li>➤ Coordinate Geometry (Term II)</li></ul> <p><b>Section B(Only for Commerce Students with Maths)</b></p> <ul style="list-style-type: none"><li>➤ Trigonometry (Terms I)</li><li>➤ Quadratic Equations (Term II)</li><li>➤ Arithmetic Progressions (Terms II)</li><li>➤ Polynomials (Term I)</li><li>➤ Coordinate Geometry (Term II)</li><li>➤ Fractions</li><li>➤ Ratio- Proportion</li><li>➤ Profit and Loss</li></ul>

Stream	Subject for the Entrance Exam
PCB	English, Physics, Chemistry, Biology
PCM	English, Physics, Chemistry, Mathematics- Section A
Commerce with Mathematics	English, Mathematics- Section B
Humanities	English, Social Sciences, (Mathematics -Section A) -If only opted for)