

# SYLLABUS FOR T-SAT

## Class VIII Moving to Class IX

PHYSICS	CHEMISTRY	BIOLOGY	MATHEMATICS
<ul style="list-style-type: none"> <li>• FORCE AND PRESSURE</li> <li>• FRICTION</li> </ul>	<ul style="list-style-type: none"> <li>• SYNTHETIC FIBRES &amp; PLASTICS</li> <li>• METALS AND NON METALS</li> </ul>	<ul style="list-style-type: none"> <li>• CROP PRODUCTION &amp; MANAGEMENT</li> <li>• MICROORGANISM</li> </ul>	<ul style="list-style-type: none"> <li>• RATIONAL NUMBERS</li> <li>• LINEAR EQUATION IN ONE VARIABLE</li> <li>• UNDERSTANDING QUADRILATERALS</li> <li>• DATA HANDLING</li> <li>• GRAPHS</li> </ul>

Physics: 10, Chemistry: 10, Biology: 10, Mathematics: 10, Mental Ability: 10 | Total No. of Question: 50 | Time Duration: 2hrs

## Class IX Moving to Class X

PHYSICS	CHEMISTRY	BIOLOGY	MATHEMATICS
<ul style="list-style-type: none"> <li>• MOTION</li> <li>• FORCE AND LAWS OF MOTION</li> </ul>	<ul style="list-style-type: none"> <li>• IS MATTER AROUND US PURE ?</li> </ul>	<ul style="list-style-type: none"> <li>• CELL THE FUNDAMENTAL UNIT OF LIFE</li> <li>• TISSUE</li> </ul>	<ul style="list-style-type: none"> <li>• NUMBER SYSTEM</li> <li>• LINEAR EQUATIONS IN TWO VARIABLES</li> <li>• LINES AND ANGLES</li> <li>• CO-ORDINATE GEOMETRY</li> <li>• TRIANGLES</li> </ul>

Physics: 10, Chemistry: 10, Biology: 10, Mathematics: 10, Mental Ability: 10 | Total No. of Question: 50 | Time Duration: 2hrs

## Class X Moving to Class XI

PHYSICS	CHEMISTRY	MATHEMATICS	BIOLOGY
<ul style="list-style-type: none"> <li>• LIGHT REFLECTION AND REFRACTION</li> <li>• HUMAN EYE AND COLORFUL WORLD</li> </ul>	<ul style="list-style-type: none"> <li>• CHEMICAL REACTIONS AND EQUATIONS</li> <li>• ACIDS, BASES AND SALTS</li> <li>• METALS AND NON- METALS (EXCEPT METALLURGY)</li> </ul>	<ul style="list-style-type: none"> <li>• REAL NUMBER</li> <li>• POLYNOMIALS</li> <li>• PAIR OF LINEAR EQUATIONS IN TWO VARIABLES</li> <li>• CO-ORDINATE GEOMETRY TRIGONOMETRY</li> <li>• SIMILAR TRIANGLES</li> </ul>	<ul style="list-style-type: none"> <li>• LIFE PROCESS</li> <li>• CONTROL AND COORDINATION</li> <li>• HOW DO ORGANISMS REPRODUCE?</li> </ul>

Physics: 10, Chemistry: 10, Biology: 10, Mathematics: 10, Mental Ability: 10 | Total No. of Question: 50 | Time Duration: 2hrs

## Class XI Moving to Class XII

PHYSICS	CHEMISTRY	MATHEMATICS	BIOLOGY
<ul style="list-style-type: none"> <li>• MOTION IN 1-D</li> <li>• MOTION IN 2-D</li> <li>• LAWS OF MOTION</li> <li>• FRICTION</li> <li>• WORK POWER AND ENERGY</li> </ul>	<ul style="list-style-type: none"> <li>• BASIC CONCEPTS OF CHEMISTRY</li> <li>• STRUCTURE OF ATOM</li> <li>• PERIODIC CLASSIFICATION</li> <li>• CHEMICAL BONDING</li> <li>• REDOX</li> <li>• STATES OF MATTER</li> </ul>	<ul style="list-style-type: none"> <li>• LOGARITHM</li> <li>• SETS</li> <li>• TRIGONOMETRY FUNCTIONS</li> <li>• TRIGONOMETRY EQUATIONS P AND C</li> <li>• BINOMIAL THEOREM</li> <li>• SEQUENCE AND SERIES</li> </ul>	<ul style="list-style-type: none"> <li>• LIVING WORLD</li> <li>• BIOLOGICAL CLASSIFICATION</li> <li>• PLANT KINGDOM</li> <li>• CELL BIOLOGY</li> <li>• CELL DIVISION</li> <li>• BIOMOLECULES</li> <li>• STRUCTURAL ORGANISATION OF ANIMALS</li> </ul>

JEE - Physics: 15, Chemistry: 15, Mathematics: 15 | NEET - Physics: 20, Chemistry: 20, Biology: 40 | Time Duration: 2hrs

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