



ICSE

CLASS 7

SCIENCE

Class 7 Science (Physics, Chemistry, Biology)

Three-branch natural sciences program: Physics (measurement, density, speed, light reflection, heat modes, sound, electricity); Chemistry (matter, language of chemistry, atomic structure, metals & non-metals); Biology (plant/animal tissues, kingdom classification, respiration, human excretory system).

GOVERNING BOARD
ICSE

THEORY EXAMINATION
80 Marks

INTERNAL / PRACTICAL
20 Marks

EXAM DURATION
2 Hours

UNIT-WISE SYLLABUS & MARKS BREAKDOWN

UNIT	CHAPTERS & PRESCRIBED TOPICS	MARKS
Physics	Physical Sciences I Physical Quantities & Measurement (Density, speed); Motion (Translatory, rotatory, distance-time graphs); Energy; Light (Reflection, plane mirror, colours); Heat; Sound; Electricity & Magnetism	28
Chemistry	Chemical Sciences Matter and its composition, physical and chemical changes, atomic structure, valency, balancing equations, metals & non-metals, oxygen and carbon dioxide prep	26
Biology	Life Sciences Plant and animal tissues, Whittaker's Five Kingdom classification, plant photosynthesis & respiration, human excretion, human nervous system, allergies	26

INTERNAL / PRACTICAL ASSESSMENT SCHEME (20 MARKS)

EVALUATION COMPONENT	MARKS WEIGHTAGE
Periodic Written Assessments Formative tests in Physics, Chemistry, Biology	10 Marks
Science Journal & Lab Record Laboratory observation records, viva voce	10 Marks

RECOMMENDED REFERENCE LITERATURE

Prescribed Textbooks: Concise Science Series Class 7 (Selina), Living Science (Ratna Sagar), Excellence Concept Packs

THE EXCELLENCE TUITION EDGE

Every unit in this curriculum is taught with structured conceptual lectures, followed by weekly speed-testing, detailed mistake analysis, and dedicated 1:1 doubt-clearing sessions to build board exam confidence.