

METS FOR CLASS 9TH BOARD EXAMS 2025

(PREPARED BY: SIR MAK)

Chapter No:01

Prefixes (Numerical).

Vector Addition (Head to tail Rule).

Least count of Vernier caliper & Screw gauge.

Precision & Accuracy

Significant figures.

Chapter No:02

Uniform & Variable Velocity.

Uniform & Variable acceleration.

Graphical Analysis of Motion.

Distance time Graph.

Speed time Graph.

Chapter No:03

Newton 1st Law of Motion (Law of inertia).

Newton 2nd Law of Motion.

Limitations of Newton's. Laws of motion.

Force & change in Momentum.

Impulse & Change in Momentum.

Law of conservation of Momentum.

Chapter No:04

Moment of Force

Center of Mass & Center of Gravity (Short Question).

Condition of Equilibrium.

Principle of moments.

Sliding & Rolling Friction.

Centripetal Force.

Orbital Motion.

Chapter No: 05

Hooke's Law.

Atmospheric Pressure & Height from the surface of Earth & Weather.

Liquid Pressure (Long).

Pascal's Law (Long)

Chapter No:06

Work.

Kinetic Energy.

Potential energy.

Power.

Chapter no:07

Density of irregular shaped objects

Plasma as the fourth state of matter.

Relationship between the motion of particles & Temperature

Sensitivity, Range & Linearity of Thermometers.

Liquid in Glass & Thermocouple thermometer.

Chapter No:08

1.Domain theory of Magnetism.

Difference between Permanent & temporary Magnets.

Types of Magnetic Material: Diamagnetic, Paramagnetic & Ferromagnetic materials.

Earth's Magnetic Field.

Geo-Graphical & Magnetic Poles of the Earth.

Chapter No: 09

Branches of Physics.

Difference Between Law & theory.

