

1. PHYSICAL WORLD

SCIENCE - Systematic Comprehensive Investigation and Exploration of Natural Causes & Effect.

King of Sciences - Physics

Father of Physics - Galileo Galilei

Physics - Science of Matter, Motion and Energy

Physics is study of Nature and Natural Phenomena

Physics covers the **Smallest** Atomic Particles to **Largest** Galaxies.

Physicist Alfred Noble - Inventor of Dynamite - Founder of Noble Prizes.

Physics is known for Greatest Scientist like Einstein ($E=mc^2$), Newton (Law of Gravity), Faraday (Laws of E.M.I), Kepler (Laws of Planetary Motion), Mary Curie (Discover of Ra, Po), Galileo(Astronomy), Thomas Edison(Inventor of Electric Bulb), Rutherford (Father of Nuclear Physics), Niels Bohr (Atomic Structure, Quantum Theory),....

Eminent Indian Scientists:

C.V.Raman - Raman Effect - Noble Prize Laureate;

Chandra Sekhar - Chandra Sekhar Limit - Evolution stages of Massive Stars;

A.P.J.Abdul Kalam - Missile Man; Hara Gobind Khorona (Noble Prize Laureate)

Physics - Greatest Inventions:

Steam Engine, Radio, Computer, Aeroplane, Nuclear Reactor,

Telescope, Microscope, Hydro & Electric Generators, Lasers, Optical Fibers,....

Four fundamental Forces:

Gravitational Force, Electromagnetic Force, Weak Nuclear Force, Strong Nuclear Force.

Four fundamental Conservative Laws:

Conservation of Energy, Conservation of Momentum,

Conservation of Angular Momentum, Conservation of Charge.

Four fundamental concepts of Physics:

Laws of Motion, Electro Magnetism, Thermodynamics, Theory of Relativity

Division of Chapters of Junior Inter Physics:

(Two Basic Chapters, 9 Chapters in Mechanics, 3 Chapters in Thermodynamics)

Basic Chapters: 1) Physical World 2) Units and Dimensions

Mechanics-1: 3) Motion in a straight Line 4) Plane 5) Laws of Motion 6) Work-Power-Energy

Mechanics-2: 7) Rotatory Motion 8) Oscillations

Mechanics-3: 9) Gravitation

Mechanics-4: 10) Mechanical Properties of Solids 11) Mechanical Properties of Fluids

Thermodynamics: 12) Thermal Properties of Matter 13) Thermodynamics 14) K.T of gases

BULLET MASTER'S

PHYSI BEATS!

- The Easiest Subject in Inter M.P.C - **ipe PHYSICS**
- The Toughest Subject in JEE / NEET - **OBJECTIVE PHYSICS**
- **ipe** Means - Inter Physics Easy