**Paper 1:**

**Separate Science Physics Foundation**

Newton's 3rd Law and Momentum

Renewable and Non-Renewable Energy  
Ears and Hearing, Ultrasound, Infrasound

Emission and absorption of thermal radiation (infra-red).  
Origin of the universe, Red Shift.

**Paper 2**

**Separate Science Physics Foundation**

Contact and non-contact forces

More about resistance, resistance core practical

Electromagnetism

Electromagnetic induction

Springs / Elasticity / Hooke's Law / Spring extension