**Content not included:**

**PAPER 1:**

Combined Higher

Newton's 1st and 2nd Laws

Renewable and Non-Renewable Energy

Emission and absorption of thermal radiation (infra-red).

**Paper 2**

Combined Higher

Contact and Non-contact forces

Vector diagrams

AC & DC, Electrical Safety

Transformers, The National Grid

Springs, Spring Constant, Energy transferred by stretching, Hooke’s Law.