UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS

ERRATUM NOTICE

AS LEVEL PHYSICAL SCIENCE SYLLABUS 8780

Please note the following amendments to the 2011 syllabus.

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Learning Outcomes
Candidates should be able to:
(g) derive, from the defining equation $\Delta W = F\Delta s$, the formula $\boldsymbol{\Delta E_p = mg\Delta h}$ for potential energy changes near the Earth's surface.
(h) recall and use the formula $\boldsymbol{\Delta E_p = mg\Delta h}$ for potential energy changes near the Earth's surface.

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P8. WAVES
Content*
8.1. Progressive waves
8.2. Transverse and longitudinal waves
8.3. Determination of speed, frequency and wavelength
8.4. Electromagnetic spectrum

*content does not include Polarisation

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P10. ELECTRIC FIELDS
Assumed Knowledge
(c) they should be able to distinguish between conductors and insulators using a simple electron **model**.

P11. CURRENT ELECTRICITY
Content
11.1. Electric current
11.2. Potential difference
11.3. Resistance**
11.4 Sources of electromotive force

**content does not include resistivity