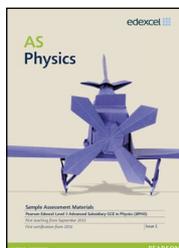


## Erratum Notice

July 2019

We regret that the following printing errors occurred in copies of the AS and A level Physics Sample Assessment Materials (Issue 1):



### Advanced Subsidiary (AS) Physics

#### Paper 1

##### Question 6

The answer is stated incorrectly as C.

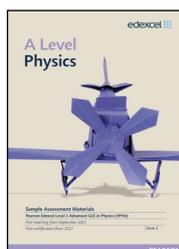
The correct answer is B ('act on the same body').

##### Question 13

In part (a), the answer should be  $1.34 \times 10^{-6} \Omega\text{m}$

##### Question 15

In part (b), the question should read "...at an angle of  $20^\circ$  to the horizontal".



### Advanced (A level) Physics

#### Paper 1

##### Question 2

The unit of the capacitance is stated as  $50 \mu\text{C}$ . This should be  $50 \mu\text{F}$ .

##### Question 3

The answer is stated incorrectly as D.

The correct answer is B ('inelastic / not conserved / conserved').

##### Question 6

The word 'not' should not appear in the question.

The question should state:

The Large Hadron Collider is designed to accelerate protons to very high energies for particle physics experiments.

Very high energies are required to

- A annihilate hadrons.
- B collide hadrons.
- C create particles with large mass.
- D create individual quarks.

#### Paper 2

##### Question 17(b)

The answer is stated incorrectly as  $3.94 \times 10^3 \text{ J kg}^{-1} \text{ }^\circ\text{C}^{-1}$ .

The correct answer is  $4.93 \times 10^3 \text{ J kg}^{-1} \text{ }^\circ\text{C}^{-1}$ .

We apologise for any confusion this may have caused.