Practice Question Set For GCSE

**Subject: Physics** 

Paper-1 Topic: Energy (Low Demand)



Name of the Student:	
Mars Marke a CO Marke	 

Max. Marks : 22 Marks Time : 22 Minutes

Mark Schemes

## Q1.

- (a) at random speeds in random directions
- (b) 3rd thermometer ticked



(c) to prevent (frost/cold) burns

allow to prevent frostbite

or

to prevent injury from the cold nitrogen

(d) decreased

decreased

(e)  $860 = 0.00320 \times c \times 215$ 

$$c = \frac{860}{0.00320 \times 215}$$

 $c = 1250 (J/kg^{\circ}C)$ 

(f) temperature stays the same

1

1

1

1

1

1

1

1

1