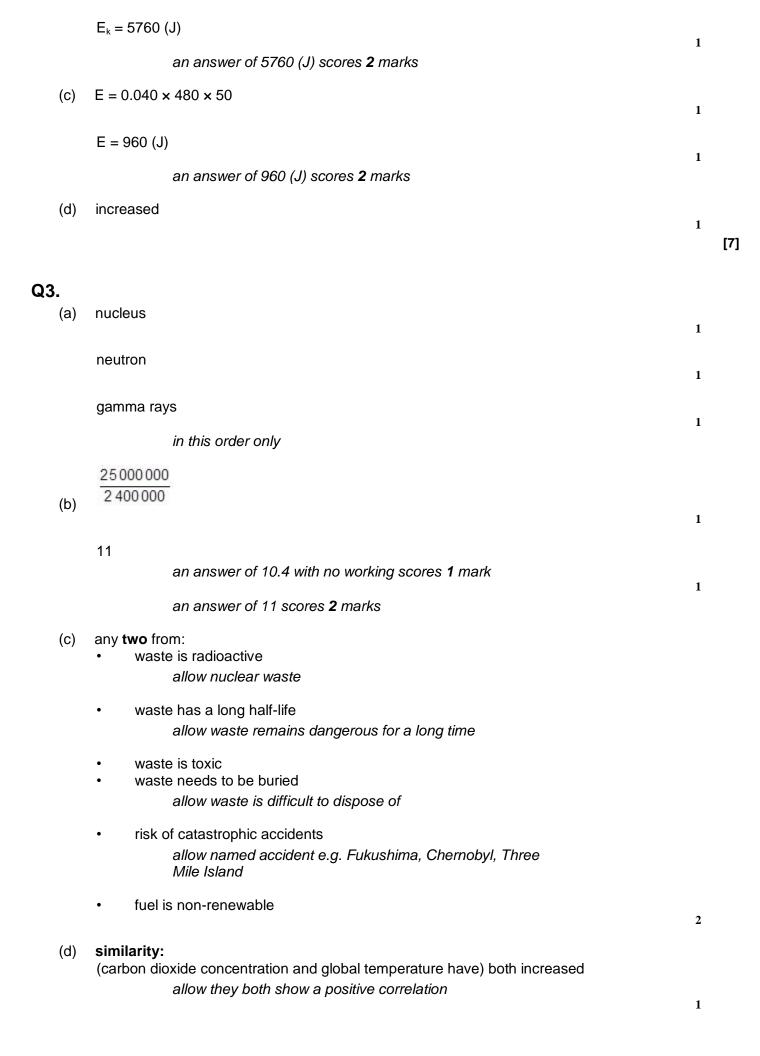
Practice Question Set For GCSE

Subject: Physics



Paper-1 Topic: GCSE Triple Science_ENERGY (Low Demand Questions)

Name of the Student:		
		Time : 24 Minutes
Q1.		
(a)	To reduce energy transfer to the surroundings	1
(b)	scald / burn (to skin)	
	ignore risk of electric shock	1
(c)	1 °C	1
(d)	0.06 kg	•
		1
(e)	a numerical answer of 4400 scores 3 marks	
	$26\ 400 = 0.20 \times c \times 30$	
	26 400	1
	$c = \frac{26\ 400}{(0.20\times30)}$	
	or $c = \frac{26 400}{c}$	
	6	1
	c = 4400	1
	J / kg °C	
		1 [8]
Q2.		
(a)	chemical	1
	kinetic	1
	in this order only	1
(b)	$E_k = 0.5 \times 80 \times 12^2$	
		1



difference:

the carbon dioxide (concentration) continues to increase whereas temperature (increase) levels off

allow carbon dioxide (concentration) increases more quickly than temperature (increase)

1

[9]