Question number	Answer	Notes	Marks
6 a i	Power = current x voltage;	Accept rearranged equation equation in recognised symbols	1
ii	Substitution and rearrangement; Evaluation; eg I = 2000 / 230 8.7 (A)	Accept • 9 (A) • 8.695(A) ETC NOT • 8.6 incorrect truncation • 9.0 incorrect rounding	1
iii	D 13 A		1
b	Series – single switch to control both; Parallel – independent control;	Allow idea of one element failing (and the other continuing) ignore comments about voltages or currents there is no mark for getting the 2 answers reversed	1

iii	Substitution and rearrangement; Calculation; 12 0.05x 1.6 150 (m)	POT error loses 1 mark e.g. 0.15 (m) gets 1 mark	2
е	 any Two from: Value of g lower(on the Moon)/RA; lack of air resistance (on the Moon)/RA; Time of flight greater; 	 ignore 'no gravity' allow less gravity drag for air resistance 	2

(Total for Question 10 = 15 marks)