Question number	Answer	Notes	Marks
9 (a) (i) (ii)	Current – 2(.0) (A); Voltage – 12(.0) (V); Using E = V x I x t (formula given on sheet) Time conversion; Substitution; Answer; e.g. 20 minutes = 20 x 60 seconds = 1200 seconds E = 12 x 2 x 1200 28 800 (J)	ecf from a i If time conversion not done / incorrect then ALLOW E = V x I x 20 with subs of V and I for 1 mark ALTERNATIVE APPROACH (using power) Calculate power of heater = V x I; Calculate 30000 ÷ (20 x 60); to show comparability;	1 1 1 1 1