4.21.2 Electricity Paper 2 (448/2)

Exercise 1

b)	Correct values of corresponding current As per sample data	(6 x 1 = 6)
c)	Correct graph and curve	(5 x1 = 5)
d)	Gradient of curve $R = \frac{V}{I}$	(3 x 1 = 3)
e)	Name the quality expressed by the gradient	(1 mark)
		Subtotal = 15

Exercise 4

b)	Correct corresponding values of voltage	(5 x 2) = 10 Marks
c i)	Plotting graph	axis - 2 x ½= 1 ½ plotting = 5 x ½ = 2½ Curve = 3 **7 Marks**
ii)	Determine the value of the current when voltage is 5.0V (from candidates graph)	(1 mark