

Question 1

1(c)	<u>acidic</u> because nitrogen is a non-metal	1
------	---	---

Question 2

2(e)(i)	basic	1
2(e)(ii)	the oxidation number of copper is +2	1
2(e)(iii)	M1 M_r of $\text{Cu}(\text{NO}_3)_2 = 188$ (1) M2 $= 0.0200 \times M_1 = 0.0200 \times 188 = 3.76 \text{ g}$ (1)	2

Question 3

3(b)	carbon	1
3(c)	lithium	1