Question 1

1(a)	electrons: 62 (1)	2	
	neutrons: 92 (1)		

Question 2

2(a)	2,8,2	1
2(e)	4/four	1

Question 3

3(c)	electronic configuration 2,8 with no other shells added (1)	2	
	+/1+ outside brackets (1)		

Question 4

4(c)	protons: 53 (1)	2
	neutrons: 74 (1)	

Question 5

5(b)	He	1
5(c)	I	1

Question 6

6(c)	configuration as 2,8,7	1

Question 7

7(b)	2 electrons in shell of Li only (1)	2
	+/1+ charge outside brackets (1)	

7(c)	protons: 35 (1)	2	
	electrons: 44 (1)		

Question 8



Question 9

9(e)(iv)	24	1
3(0)(10)	2,7	' ' '

Question 10

10(b)	2 electrons in outer shell (1)	2
	2,8,8 in inner shells (1)	

Question 11

11(f)(i)	2,8	1
11(f)(ii)	M1 26 (protons)	2
	M2 23 (electrons)	

Question 12

12(a)(ii)	В	1
12(a)(iii)	F	1

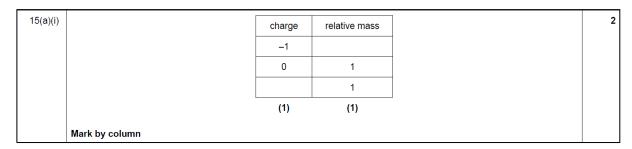
Question 13

П	13(c)	xenon	1
П	13(0)	Xelloll	

Question 14

14(a)	M1 5p and 5e (1)	2
	M2 6n (1)	

Question 15



15(b)	Na ⁺ or A ^{J3+} (1)	3
	F- or O ² - or N ³ - (1)	
	Ne (1)	