0 1 . 1	What can you conclude from the fact that scientists continue to update the atomic model?	he
		[1 mark]
	☐ New information about atoms continues to be discovered	
	☐ Old information about atoms is completely useless	
	☐ Scientists did not have any information about atoms until a few years.	ears ago
	☐ Scientists still have no idea what atoms look like	
0 2	Here is a diagram representing an atom:	
	A B E	
0 2 . 1	Circle the letter which represents the area where the majority of an atom's exists?	s mass 1 mark]
0 2 . 2	What is the name of this part of the atom?	1 mark]
0 3 . 1	Several different scientists made key discoveries about the structure of the Describe the key features of Thompson's plum pudding model of the atom	
0 3 . 2	In 1922, Bohr changed the theory about how electrons are arranged arour atom. How did his ideas differ from our previous understanding?	nd the [1 mark]

(Total 9 marks) End				
	□ Empty space			
	□ Electrons			
	□ Positively charged			
	□ Negatively charged			
0 4 . 2	From these results, Rutherford discovered that atoms were mostly:	[1 mark]		
	□ combined with the foil			
	□ were absorbed			
	\square passed through the foil			
	□ bounced back	[1 mark]		
0 4 . 1	In the scattering experiment, most of the particles fired at the foil:	[1 morls]		
0 4	In 1911, Rutherford and Marsden conducted an experiment involving bon a thin layer of gold foil with alpha particles. This was called the scattering experiment.			
	How are neutrons different from protons and electrons?	[1 mark]		
0 3 . 3	Chadwick discovered the neutron in 1932.			