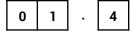
0 1 . 1	Complete th	ne table below	to show the re	lative masses of t	he particles ir	n atoms: [2 marks]
		Name of par	ticle	Relative m	ass	
		Proton		1		
		Neutron		1		
		Electron		very sma (0 or 1/1800 or		
0 1 . 2	(a) The a proto	ns	[1]	the number of to not allow "proto		
	(b) The mass number of an atom is the number of[1					. [1 mark]
	proto	ns <u>and</u> neutroi	กร			
01.3	The diagran	n shows the st	tructure of a no	on-metal atom.	electronneutronproton	
	What is the chemical symbol for this atom?					[1 mark]
	Tick one bo	х.				[
	1 (C N D				

1

ATOMIC STRUCTURE



Explain why an atom has no overall charge. Use the relative electrical charges of sub-atomic particles in your explanation. [2 marks] because the relative electrical charges are -(1) for an electron and +(1) for a proton proton [1] allow electrons are negative and protons are positive and the number of electrons is equal to the number of protons [1] if no other mark awarded, allow 1 mark for the charges cancel out

(Total 7 marks)

End