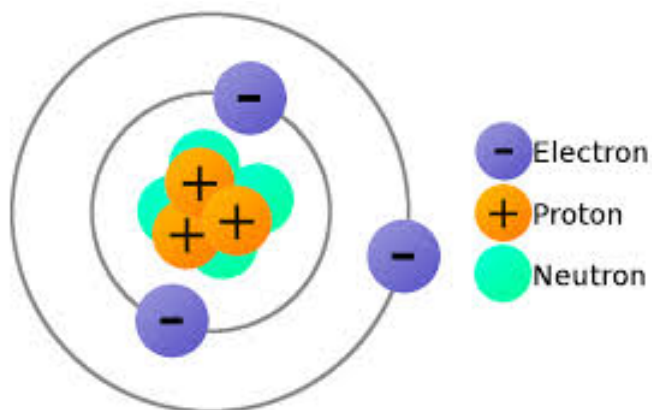


2019 /2020

<b>SUBJECT</b>	<b>CHEMISTRY</b>
<b>STUDENT'S NAME</b>	

1. Subatomic particles of an atom are given below. Complete the table



	mass	Location	Name of the scientist who discovered subatomic particle
electron			
neutron			
proton			

2. Explain Rutherford's Gold foil experiment
3. Explain Plum pudding model of atom
4. Complete the table with three elements of the same group.

Alkali metals	halogens	Inert gases

5. Write balanced chemical equations of sodium with water
6. Write balanced chemical equation of magnesium with water
7. Explain Combustion. What are the materials needed for combustion.
8. Icepack reduces pain. Explain how it works.
9. Calcium oxide reacts with water and forms calcium hydroxide. Write one useful application of this reaction
10. Write two examples of alkali
11. Draw the atomic structure of Fluorine, Chlorine and potassium
12. From electronic configuration, how will you identify group number and period number?
13. When we pick ice hand feels cool. Explain why it is an endothermic process
14. Explain the trend in colour, melting point and boiling point in group-7
15. How will you set up an investigative experiment for the reaction of an acid with metal for an exothermic reaction? Explain dependent variable, controlled variable and independent variable.

