

ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Physical Science Class: 8 Date: 18.04.20 Duration: 40 min Worksheet Solutions-11 Full Marks: 15

ATOMIC STRUCTURE/PROTONS, NEUTRONS AND IONS

Choose the Correct options:

1.	Who discovered an	ode rays?		
Ans	(a)Rutherford	(b)Goldstein	(c)Chadwick	(d)Thomson
2.	Who renamed anode rays as positive rays?			
Ans	(a)Rutherford	(b) Goldstein	(c) Chadwick	(d) Thomson
	What was changed			
Ans	(a)Higher (b)Lower pressure	(c)Perforated	(d)Different gas
	voltage		catho de	
4.	Why were anode rays assumed to be positive?			
Ans	(a)attracted to	(b)attracted to	(c)attracted to	(d)Attracted to
				positive electrode
5.	The mass of the and	_	_	
Ans			(c)not fixed	(d)No mass
6.	When was the neut			
Ans		(b)1932	(c)1941	(d) 1944
7.	Which element use			
Ans	() • •	* *	` ' <u> </u>	(d) Oxygen
	Which element was		2	
	(a)Boron		(c)Bismuth	(d) Bromine
9.	What are alpha part			
Ans			(c) Sodium ions	(d) Oxygen ion
	. In which kind of a			
Ans	(a) Chemical	` /	. ,	(d) All of these
			reaction	
	. Who discovered ne			
				(d) Thomson
	. An ion is charged b			
			(c) Variable	(d) None of these
	. What is the charge			
Ans	(a)+1 unit			(d) Both (a) and (b)
	. Which subatomic particle plays a major role in the formation of compounds?			
	(a)electron		(c) neutron	(d) quark
15	5. When does an ion become negative?			
Ans	(a)after losing	(b) On gaining	(c) On being bro	oken (d) All of these
	electron	electron	down to subator	nic
			particles	