



ST. LAWRENCE HIGH SCHOOL



JESUIT MINORITY INSTITUTION

CLASS 6

WORKSHEET NO. :08

SUB: GENERAL SCIENCE

F.M. 15

TOPIC: CHEMISTRY-CH-1-WHAT IS CHEMISTRY ABOUT?

DATE: 08.02.2021

A. CHOOSE THE CORRECT OPTION:

15x1=15

1. Robert William Boyle was born to a noble family on _____.
a) 25th January 1768 b) **25th January 1627** c) 27th February 1987
2. At the age of eight, Robert Boyle was sent to _____ college in England.
a) Francis b) St. Xavier c) **Eton**
3. Robert Boyle _____ from public engagements and spent his time doing research.
a) refined b) restricted c) **refrained**
4. _____ was the first scientist to have prepared a substance simpler than water, which was later established to be hydrogen.
a) **Robert William Boyle** b) John Dalton c) Mendeleev
5. Robert Boyle rejected _____ theory that water is an element.
a) **Aristotle's** b) Dalton's c) Atomic
6. Robert Boyle studied the behaviour of _____.
a) **gases** b) liquids c) solids
7. Boyle's law states that at a fixed temperature, _____ of gas decreases with increasing pressure and increases with decreasing pressure.
a) force b) pressure c) **volume**
8. Who is the author of the book-*The Sceptical Chemist*?
a) Dalton b) **Robert Boyle** c) Lavoisier
9. Robert William Boyle died on 31 December _____.
a) 1696 b) **1691** c) 1690

10. The most fundamental contribution of Lavoisier was towards chemistry and he changed the subject from qualitative to _____.

a) **quantitative** b) selective c) respective

11. Lavoisier proved that by _____, 1 part of hydrogen reacts with 8 parts of oxygen to form 9 parts of water.

a) space b) mass c) **weight**

12. Lavoisier proved that water is not an element as _____ believed.

a) **alchemists** b) scientists c) fathers of chemistry

13. Who identified hydrogen and oxygen?

a) Mendeleev b) **Antoine Lavoisier** c) William Boyle

14. Lavoisier proved that a substance burns only in the presence of _____.

a) hydrogen b) **oxygen** c) carbon

15. Lavoisier established that _____ is an element and not a compound.

a) **sulphur** b) water c) fire

Ms. Beline Jermy Peter