



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Physical Science

Class: 8

Date: 16.04.20

Duration: 40 min

Worksheet 9

Full Marks: 15

ATOMIC STRUCTURE/DALTON'S ATOMIC THEORY

Choose the Correct options:

1. What do you mean by indivisible?
Ans (a)Invisible (b)Undivided (c)Unparalleled (d)Identical
2. Atoms consist of
Ans (a)Protons (b) Neutrons (c) Electrons (d) All of these
3. What does the word *param* in Sanskrit mean?
Ans (a) ultimate (b) unwanted (c) Precious (d) Dear
4. When was the first idea of atom developed?
Ans (a) 5th century BC (b) 6th Century BC (c) 1803 (d) 1934
5. Who first proposed the idea of atom?
Ans (a)Kannad (b)Democritus (c) Leukiposs (d) Dalton
6. When did John Dalton give his atomic theory?
Ans (a)1669 (b)1753 (c)1803 (d) 1828
7. The word atom is derived from atomas which is in
Ans (a) Greek (b) Latin (c) Hebrew (d) Sanskrit
8. Atoms of the same element have
Ans (a)Same weight (b)Same energy (c) Same frequency (d)All of these
9. Atoms of different elements have different?
Ans (a) weight (b) volume (c) mass (d) All of these
10. According to Dalton, chemical reaction involves
Ans (a) Atoms (b) Molecules (c) Mixtures (d) None
11. In a chemical reaction atoms participate in
Ans (a)simple ratio (b) inverse relation (c) Direct relation (d) None of these
12. The word atomos means
Ans (a) ultimate (b) unwanted (c) Precious (d) Indivisible
13. The Sanskrit word *anu* means
Ans (a)matter (b) particle (c) sphere (d) None of these
14. Dalton's atomic theory failed because atoms are
Ans (a)divisible (b) variable (c) destructible (d) All of these
15. Dalton's work falls under the field of
Ans (a) Atomic Physics (b) Experimental Chemistry (c) Physical Chemistry (d) All of these