



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

• **Subject : Physical science**Answers of Worksheet-5 **Class 7**

• **Date 15.05.2020**

• **Chapter: Atom,molecules and radicals**

• **Answer the following questions (MCQ) :** **(1×15)**

• Question 1

Q. The particles in an atom that are neutral and have no charge are...

answer choices

negatrons

electrons

neutrons

protons

• Answer Neutrons

• Question 2

Q. An atom with atomic number 6 would have how many protons?

answer choices

6

12

3

cannot be determined

Answer 6

• Question 3

Q. The central region of an atom where its neutrons and protons are is its...

answer choices

nucleus

electron cloud

core

center

Answer nucleus

Question 4

Q. The positive particles of an atom are...

answer choices

electrons

positrons

neutrons

protons

Answer positrons

- Question 5

Q. The smallest unit of matter is...

answer choices

energy

an atom

electrons

compounds

Answer an atom

Question 6

Q. Electrons have what type of charge?

answer choices

negative

positive

neutral

Answer negative

- Question 7

Q. Which element has the atomic number 10?

answer choices

Neon

Flourine

Potassium

Hydrogen

Answer Neon

- Question 8

Q. How many protons are in the element sodium?

answer choices

23

11

13

14

Answer 11

Question 9

Q. How many electrons are in the element oxygen?

answer choices

7

10

8

9

Answer 8

- Question 10

Q. "C" is the element symbol for which element?

answer choices

calcium

carbon
chlorine
cadmium
Answer carbon

Question 11

Q. What is the atomic symbol for sodium?

answer choices

Na
So
NaCl
S

Answer Na

- Question 12

Q. What is the atomic number for an element with three protons?

answer choices

2
1
3
6

Answer 3

- Question 13

Q. Which statement best describes an electron?

answer choices

Smaller mass than a proton and a negative charge
Smaller mass than a proton and a positive charge
Greater mass than a proton and a negative charge
Greater mass than a proton and a positive charge

Answer Smaller mass than a proton and a negative charge

Question 14

Q. A particle that moves around the nucleus is a(n)...

answer choices

Proton
Neutron
Electron
Quark

Answer Electron

Question 15

Q. Most of the mass in an atom is concentrated in the...

answer choices

electrons
nucleus
protons
empty space

Answer nucleus

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