



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION
TERM- 1

Subject-Physical Science Worksheet- 5 Class – 9

Date- 6.02.21

Topic- Structure of Atom

CHOOSE THE CORRECT OPTION- (MCQ)

MARKS=1×15

- Question 1

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

answer choices

Neutral
electrons
neutrons
protons

- Question 2

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

answer choices

6
12
3
cannot be determined

- Question 3

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

answer choices

nucleus

electron cloud

core

center

- Question 4

Q. The positive particles of an atom are

answer choices

electrons

positrons

neutrons

protons

- Question 5

Q. all matter is made of what

answer choices

energy

atoms

electrons

compounds

- Question 6

Q. electrons have this type of charge?

answer choices

negative

positive

neutral

- Question 7

Q. How many protons are in the element, "Sodium?"

answer choices

23

11

13

14

- Question 8

Q. How many electrons are in the element oxygen?

answer choices

7

10

8

9

- Question 9

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

answer choices

calcium

carbon

chlorine

cadmium

- Question 10

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

answer choices

2

1

3

6

- Question 11

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

- Question 12

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

answer choices

Proton

Neutron

Electron

Quark

- Question 13

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

answer choices

electrons

nucleus

protons

empty space

- Question 14

Q. What does the nucleus consist of?

answer choices

Protons + Electrons

Neutrons + Electrons

Atoms

Protons + Neutrons

- Question 15

Q. Which particle has a similar mass to a proton?

answer choices

Electron

Neutron

Photon

Marble

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