

Name: **Answer Key**

Duration: 20minutes

Grade:10

Section:

I- Multiple Choice:-

1. -----is the locations of electrons around the nucleus of an atom.

A. Atom.

B. Energy Levels.

C. Electrons.

D. None of above.

2. The first energy level contain ?

A. 7 electron.

B. 2 electron.

C. zero.

D. 8 electron.

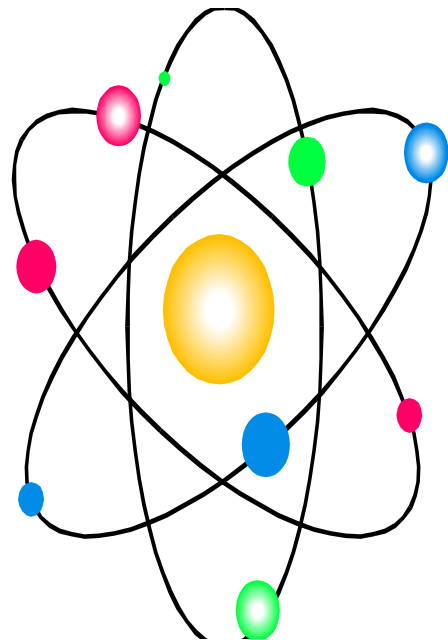
3. Electrons are-----charged.

A. Positively.

B. Negatively.

C. Neutral.

D. Both a and b.



4. There are ----- energy level?

- A. 8
- B. 7**
- C. 9
- D. 18

5. Elements in the same group or column have same -----.

A. Electron valance.

- B. Electron cloud.
- C. Atomic number.
- D. Atomic mass.

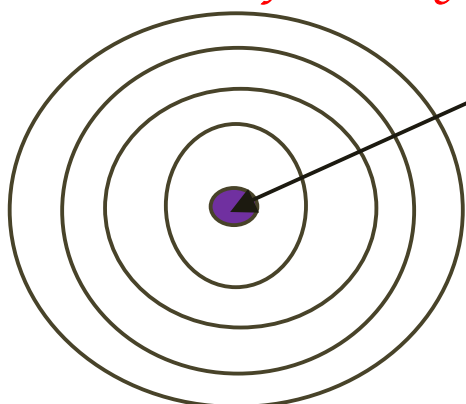
II- Graph Analysis:-

1. Complete the table :-

Group	Valence electron
1	1
13	3
15	5
17	7



2. Complete the graph below and answer the question:-



1. What are these called ----- **nucleus** -----.
2. The **lowest** and **highest** energy level in this diagram.
Lowest: ----- **1** ----- Highest: ----- **4** -----
3. Energy increace as level get ---- **Further** ---- from nucleus.

III- Conceptual Questions:-

1. What is meant by valence electron ?

The electrons in the outermost energy level

2. Write three properties of electron?

a) ----- **Electron are negatively charged** -----

b) ----- **Electron surround the nucleus** -----

c) ----- **Electron are arrange in levels** -----



(THE END)

Done by: Khaled Naser Ahmed Hassan.

Grade: 10-05

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