

The City School

North Nazimabad Boys Campus

E-Worksheet



Teachers Name: Ms.Seema Adil

Date: 16th November 2017

Q-1: Fill in the blanks with suitable answers.

1. Electrolysis is a process in which _____ is passed through water to break it into its constituent elements.
2. While cells are the building blocks of living things, _____ are the building blocks of all matter, including living and non-living things.
3. Cells themselves are made up of different _____ or materials containing elements.
4. Currently there are _____ elements, _____ of which are found naturally and the rest are man made.
5. Stars are made up of two most abundant elements in the universe, _____ and _____.
6. The most abundant element in our universe is _____.
7. The most abundant element by mass in the Earth's crust and in the human body is _____.
8. Some elements are named after the scientists who discovered them for e.g. Einsteinium and _____ e.tc.
9. A chemical reaction is a process in which _____ substances are formed.
10. The physical properties of elements are their; appearance, state, colour, density, boiling and melting points, _____ conductivity.
11. The Russian scientist Dmitri Ivanovich _____ (1834-1907) was the first to arrange the _____ known elements during his time, in the Periodic Table.
12. The vertical columns in the Periodic Table are called _____ and the horizontal rows are called _____.
13. Going across a period from left to right, elements change from being _____ to _____ in character.
14. Liquid nitrogen is used as a _____ agent.
15. _____ is a metal which is not solid at room temperature, it is semi solid/liquid.
16. A non metal _____ conducts electricity well like metals.

Q.2-Encircle the best answer from the given options.

- 1.The elements have same properties in
 - A period
 - A group
- 2.The elements that have properties of metals and non metals both are called
 - Metalloids
 - Metallic elements
- 3.Solid carbon dioxide is called

4. A compound is a/an

- Impure substance
- Pure substance

5. Burning, heating and electrolysis are examples of

- Physical change
- Chemical reaction

6. Distilled water is

- A compound
- A mixture

7. Muddy water is an example of

- compound
- mixture

8. Mixtures are

- Pure substances
- Impure substances