Teacher Name: Class: Subject: Date:5th June 2018.

Seema Adil 7 Science

**Topic: Elements and Compounds**

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Sec: \_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Q1. Choose the correct answer:**

compound elements stars chemical reaction chemical reaction

1. It is a substance that cannot be broken down into simpler substances by chemical reactions. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. These are made of Hydrogen and Helium . \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. It is a process in which new substances are formed. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. It is a substance consisting of two or more elements chemically combined. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. A table that classifies elements into rows and columns. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Q2. Write symbols of the following elements and vice versa:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Elements | Symbols | Elements | Symbols | Elements | Symbols |
| Calcium |  | Helium |  | Silver |  |
|  | Fe |  | Cu |  | Cl |
| Sodium |  | Zinc |  | carbon |  |

**Q3. Classify ELEMENTS and COMPOUNDS into their respective groups:**

Silicon Oxide - Silver - Sugar - Polythene - Chalk - carbon - oxygen - Aluminium

|  |  |
| --- | --- |
| **ELEMENTS** | **COMPOUNDS** |
|  |  |

Q4. With the help of word equations, write down the formation of the given compounds:

|  |  |
| --- | --- |
| **Water** |  |
| **Salt** |  |
| **Sand** |  |
| **chalk** |  |