



**Subject: Science**

**Marks: 20**

**Class: 6 A**

**Name:** \_\_\_\_\_ **Admission #** \_\_\_\_\_ **Date** \_\_\_\_\_

**Q. 1. Multiple Choice Questions**

**(10)**

**1. An element is a pure substance made up of:**

- a) Two or more kinds of atoms
- b) Only one kind of atom
- c) Molecules only
- d) Different compounds

**2 . Which of the following is an element?**

- a) Water
- b) Carbon dioxide
- c) Oxygen
- d) Salt

**3. A compound is formed when:**

- a) Different substances are mixed
- b) Two or more elements chemically combine
- c) Atoms are separated
- d) A substance melts

**4. Which of the following is a compound?**

- a) Gold
- b) Iron
- c) Water
- d) Helium

**5 Water is made up of:**

- a) Hydrogen only
- b) Oxygen only
- c) Hydrogen and Oxygen
- d) Carbon and Oxygen

**6. The chemical symbol of Oxygen is:**

- a) O
- b) Ox
- c) Oy
- d) Oe

**7. Which of the following is NOT an element?**

- a) Nitrogen
- b) Copper
- c) Carbon dioxide
- d) Sulfur

**8. Salt (NaCl) is a:**

- a) Mixture
- b) Element
- c) Compound
- d) Atom

9. The smallest particle of an element is called:

- |             |         |
|-------------|---------|
| a) Molecule | b) Atom |
| c) Compound | d) Cell |

**10** Which of the following contains only one type of atom?

- |          |                   |
|----------|-------------------|
| a) Water | b) Carbon dioxide |
| c) Gold  | d) Salt           |

Q: Answer the following questions.

(10)

1. Why is water considered a compound even though it is made from two elements?

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2. Why is water considered a compound even though it is made from two elements?

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3. Why is salt (NaCl) a compound and not an element?

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4. A student says oxygen is a compound. Is this correct? Why or why not?

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5. Draw Molecules of water, oxygen and hydrogen