



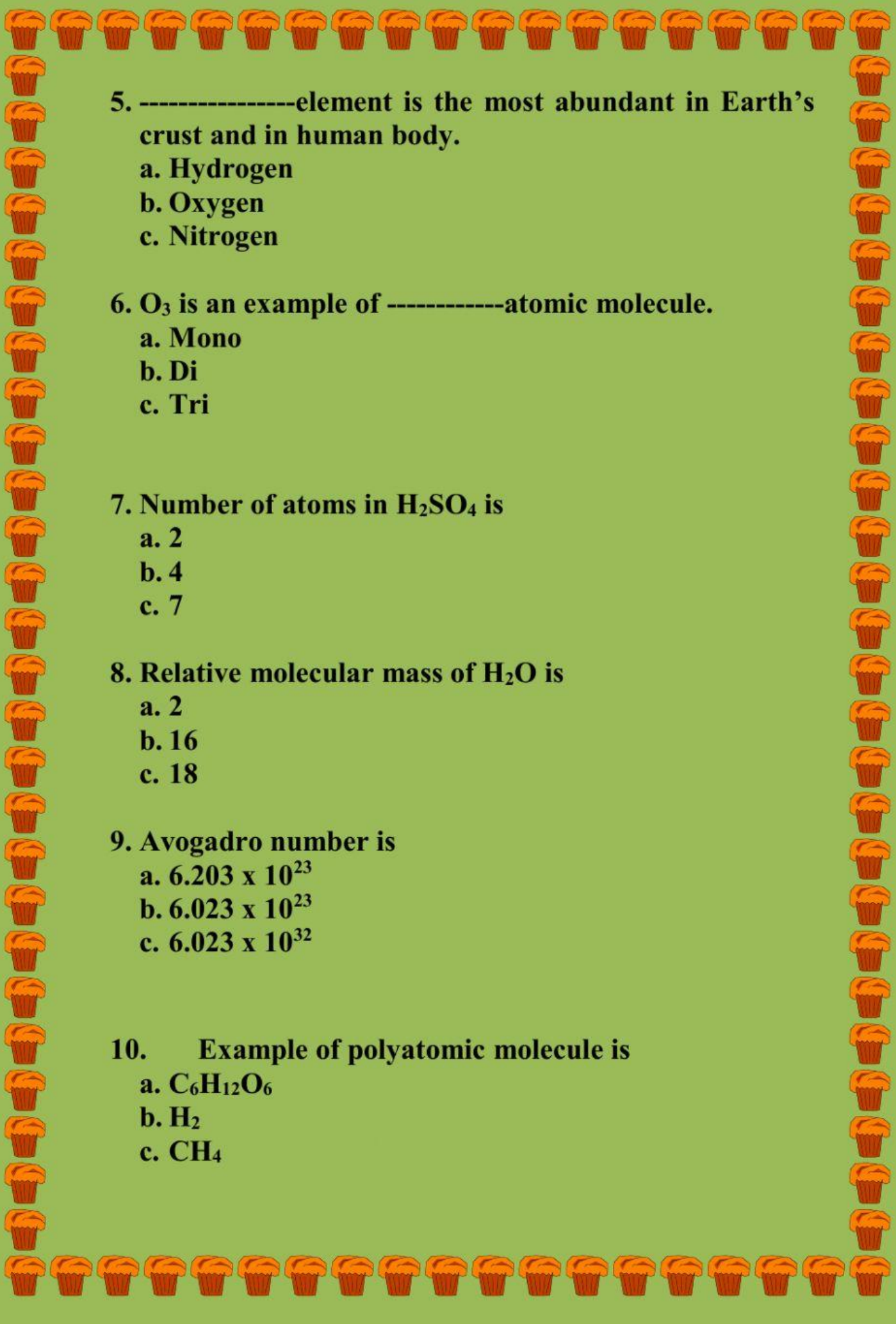
## Atoms and molecules

### Unit-7

Class : X      Revision worksheet –III

Choose the correct answer

1. The sum of number of neutrons and protons of an atom is called as
  - a. Atomic number
  - b. Mass number
  - c. Valency
2. \_\_\_\_\_ has no considerable mass.
  - a. Protons
  - b. Neutrons
  - c. Electrons
3. Relative atomic mass of an element is the ratio between the average mass of its isotopes to  $1/12^{\text{th}}$  part of the mass of a \_\_\_\_\_ atom.
  - a. Hydrogen
  - b. Carbon
  - c. Chlorine
4. The relative atomic mass of Magnesium element is
  - a. 12
  - b. 23
  - c. 24



5. -----element is the most abundant in Earth's crust and in human body.

- a. Hydrogen
- b. Oxygen
- c. Nitrogen

6. O<sub>3</sub> is an example of -----atomic molecule.

- a. Mono
- b. Di
- c. Tri

7. Number of atoms in H<sub>2</sub>SO<sub>4</sub> is

- a. 2
- b. 4
- c. 7

8. Relative molecular mass of H<sub>2</sub>O is

- a. 2
- b. 16
- c. 18

9. Avogadro number is

- a.  $6.203 \times 10^{23}$
- b.  $6.023 \times 10^{23}$
- c.  $6.023 \times 10^{32}$

10. Example of polyatomic molecule is

- a. C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>
- b. H<sub>2</sub>
- c. CH<sub>4</sub>