## Second directed work of biochemistry

## **Chemical bonds**

Exercise1 :

Question 1 : Which of the following compounds contains both covalent and ionic bonds?

- a. NaOH
- **b.** NaBr
- c. NaNC
- d. NaCN

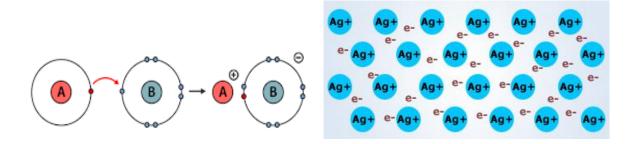
**Question 2 :** A chemical bonding between the two atoms which shares a single pair of an electron is :

- a. Ionic bond
- **b.** Single bond
- **c.** Double bond
- d. Triple bond

**Question 3 :** Which of the following compounds contains both polar and non-polar covalent bonds?

- a. NH4Br
- **b.** H2O2
- **c.** CH4
- **d.** HF

**Exercise 2:** Determine what type of bond will unite the various molecules below (justify your answers):



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