



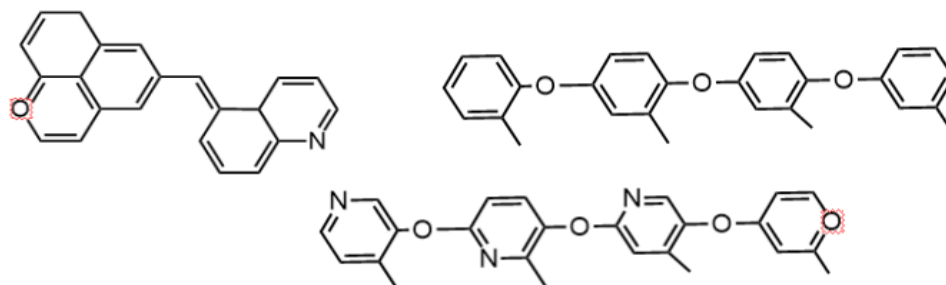
**University Kasdi Merbah Ouargla**  
**Faculty of Mathematics & Matter Sciences**  
**Department of Chemistry**



**Year:** 2023\2024 **Course:** Macromolecular chemistry **Level:** M2 applied chemistry

**TD N1: Classification of organic polymers**

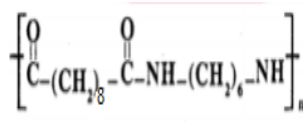
**Exercise1:** Which among the following molecules are polymers:



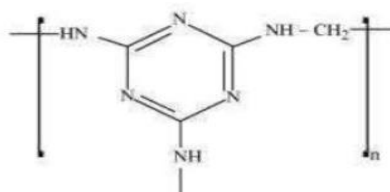
**Exercise 2:**

1-Write the names of monomers of the following polymers:

1-

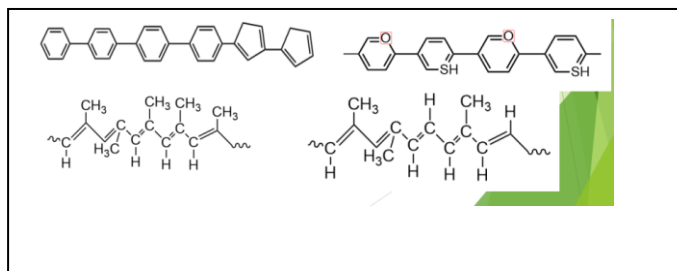


2-



**Exercise3:**

1-Which Among the following polymers, classify the homogeneous polymers and the heterogeneous polymers.



2--NH-CHR-CO-n is it a Homopolymer or copolymer?

**Exercise 4:**

- 1- What are natural and synthetic polymers? Give two examples of each type.
- 2- What is a biodegradable polymer? Give an example of a biodegradable polymer.