

LESSON 8. CHEMISTRY AND ECOLOGY

HOMEWORK

1. Multiple choice questions

1. Choose the **WRONG** statement about polymers:

- A. most polymers are non-biodegradable
- B. simple combustion of polymers releases toxic gases
- C. recycling of polymers saves crude oil
- D. nowadays polymers are not widely used

2. Which of the following are greenhouse gases?

Water vapor, oxygen, carbon dioxide, methane

- A. carbon dioxide only
- B. water vapor and carbon dioxide
- C. water vapor, methane and carbon dioxide
- D. all these gases are greenhouse gases

3. Ozone layer in the upper layers of atmosphere

- A. protects the Earth from deadly UV radiation
- B. absorbs heat energy, warming the Earth
- C. causes acid rains
- D. reflects heat from the Sun, cooling the Earth

4. Why the oil spills are so dangerous for sea/ocean inhabitants?

- A. oil is toxic for most animals and plants
- B. oil layer is impermeable for oxygen
- C. oil absorbs solar radiation needed for photosynthesis
- D. all of the above

2. Match the ecological problem with the harm it causes

	Problem		Consequence
A	Acid rain		Kills ocean animals and plants
B	Greenhouse effect		Destroys metal constructions
C	Oil spills		Damages trees and buildings
D	Corrosion		Increases Earth's temperature