

Algerian Republic Democratic and Popular

Ministry of Higher Education

University of Oum El Bouaghi

Institute of Urban Management Technics

First-Year Professional Bachelor's Exam:

Terminology: Environment

Model Answers

Answer N° 1 6 points

Match the terms on the left with their corresponding descriptions on the right.

Term	Description
1. Greenhouse Effect	C. The process where certain gases trap heat in the Earth's atmosphere, making the planet warmer.
2. Carbon Footprint	E. The total amount of greenhouse gases emitted by an individual, organisation, or community.
3. Renewable Energy	D. Energy sources that are replenished naturally, such as solar, wind, and hydropower
4. Climate Change	A. A long-term change in temperature, precipitation, and other atmospheric patterns on Earth.
5. Fossil Fuels	F. Energy sources like coal, oil, and natural gas, which release carbon dioxide when burned.
6. Global Warming	B. The gradual increase in Earth's temperature is due to human activities.
7. Deforestation	H. The clearing of forests contributes to an increase in atmospheric carbon dioxide levels.
8. Carbon Sequestration	G. The process of capturing and storing carbon dioxide from the atmosphere to reduce climate change.

Answer N° 2 5 points

Fill in the Gaps

Complete the sentences by filling in the missing words:

1. The ability of forests to absorb carbon dioxide is an example of the environment's **Regulatory** function.
2. Oceans provide **Renewable** resources like fish and marine plants that are essential for human consumption.
3. Wetlands help regulate water quality by acting as natural **Filtration** systems.
4. When the waste absorption capacity of an ecosystem is exceeded, it leads to **Pollution**.
5. The **carrier** function of the environment allows for human activities like farming, building cities, and transport infrastructure.

Answer N° 3 4 points

Multiple Choice Questions (MCQs)

1. Which of the following is an example of the regulatory function of the environment?
a) Mining coal. b) **Water purification by wetlands** c) Building highways d) Fishing in the ocean
2. What happens when the waste absorption function of the environment is exceeded?
a) Resources regenerate faster b) **Pollution increases** c) More biodiversity is created d) None of the above
3. Which resource is an example of a non-renewable resource?
a) Solar energy b) Water c) **Fossil fuels** d) Wind
4. The ability of land to support agriculture is an example of which environmental function?
a) Resource supply b) Regulatory c) **Carrier** d) Waste absorption

Answer N° 4 5 points

Reorder Sentences to Form a Coherent Paragraph on Global Warming

- The release of greenhouse gases, particularly from human activities like burning fossil fuels, is contributing to the warming of the Earth's atmosphere.
 - Global warming has serious long-term consequences for ecosystems, economies, and human health.
 - Global warming is causing glaciers and polar ice caps to melt, leading to rising sea levels.
 - As temperatures rise, weather patterns become more extreme, causing flooding, droughts, and other natural disasters.
 - Immediate actions are needed to reduce emissions and mitigate the effects of climate change.
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