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| **Ministère de l’Enseignement Supérieur et de la Recherche Scientifique**  **Université Ibn Khaldoun - Tiaret. Faculté des Sciences de la Nature et de la Vie. Département d'Ecologie et Environnement et Biotechnologie** |
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**3eme année Biotechnologie microbienne**

**Examen de TCE Le 07/01/2025**

**ACT 1:** Are the statements true, false, or not mentioned? (2 points)

a) All our surroundings are part of the environment. True "Everything that surrounds us is part of the environment"

b) The sunlight is not part of the environment. False – The sunlight is part of the environment.

c) In the past, people killed animals for sport and pleasure. False – People killed animals for food, not for sport and pleasure.

d) The world's population now is bigger than it used to be in the past. True – "The world’s population has been growing very fast."

**ACT 2:** Answer the questions below. (3 points)

a) Why did people's activities have little impact on the environment in the past? People's activities had little impact on the environment in the past because there were very few people, and their actions were limited in scale (e.g., small-scale hunting and use of fires).

b) Does the environment consist of living things only? No, the environment consists of both living things (plants, animals) and non-living things (air, water, sunlight, mountains, etc.).

c) Did people in the past think that natural resources are everlasting? Yes, they thought that Earth’s natural resources would never run out.

**ACT 3:** Match these words with their synonyms. (1 point)

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| --- | --- |
| **Words** | **Synonyms** |
| Impact | Increasing |
| Growing | Present |
| Modern | Ancient |
| Prehistoric | Influence |

**ACT 4:** Turn the following sentences into the passive voice. (2 points)

In the past, people killed animals for food. ➡In the past, animals were killed for food.

People mustn’t throw rubbish in the street. ➡Rubbish mustn’t be thrown in the street.

**ACT 5:** Spot and correct the mistake in each sentence. (2 points)

All human beings and animals needs air to survive. ➡All human beings and animals need air to survive.

Air is very importance to life. ➡Air is very important to life.

**ACT 6:** Classify these verbs according to the pronunciation of their final -ed. (2 points):

|  |  |  |
| --- | --- | --- |
| **/t/** | **/d/** | **/id/** |
| Stopped worked | clarified | invented |

**ACT 7:** Course Question

1. What are the types of communication? (3 points)

 **Interpersonal Communication**: Direct exchange between two people (e.g., a conversation with a friend).

 **Group Communication**: Exchange within a group (e.g., a teacher addressing students).

 **Mass Communication**: Reaching a large audience through media (e.g., television broadcasts).

2. Identify the type of communication in each of the following scenarios and justify your answer: (2 points)

- A journalist reports the daily news on television. **Mass Communication**: It involves reaching a large audience via a media platform.

- A parent helps their child with homework at home. **Interpersonal Communication**: A direct one-on-one interaction.

- A project team discusses strategies during a workplace meeting. Group Communication: Involves multiple people exchanging ideas within a team.

**ACT 8:** Choose one topic from the following. (4 points)

**TOPIC 1:** Is Algeria concerned with the problem of pollution? Write a paragraph of about 5 lines explaining the measures taken and the challenges faced.

**TOPIC 2:** Write a paragraph about your specialty and what attracted you to study the field of ecology.