**L’Arbi Ben M’Hidi University – OEB-**

**Faculty of Exact Science and Natural Life Sciences**

**Ecology and Environment**

**Third Year**

**Name: /05/2024**

**Group:**

**Second Term English Exam**

Endangered Species

 Most of us are now aware of damage which our modern way of life is doing to the
environment. This includes the harm which we are inflicting on many animals. Indeed,
we are in danger of wiping out some species, if we haven’t already done so. For millions of years, extinction among animals was a natural process. In fact, it was part of the process of evolution. In recent year, however, the extinction of some species has been the result of human activities. Had it not been for these, many more animals would have survived.

 Some species have either been made extinct, or become endangered, because of hunting. Now, the very earliest of humans were hunters, since they ate the flesh of animals and clothed themselves in their skins, and doubtless their hunting gradually contributed to the extinction of some species. However, it was the introduction of guns, with their accurate aim, which put certain animals at great risk and from the nineteenth century on several species, was on the brink of the extinction.

 By this time, animals were being hunted for commercial purposes apart from the provision of food and clothing. For example, elephants were being hunted for their ivory. Nowadays, attempts are being made to regulate such wholesale commercial hunting, but it is difficult to control in some areas. Thus, animals continue to die to make profits for humans. Of course, not only commerce is to blame. Hunting as a sport has also
played a part in the extinction of certain species.

 A more modern threat for many animals is the destruction of their environment and the resultant changes in the ecology of whole areas. Our use of pesticides and other chemicals has polluted both soil and water, and this pollution has proved to be toxic to many of the plants which are part of the habitat of many animals. Furthermore, we regularly lay waste to land previously inhabited by animals, in order to make way for expanding populations or, as in the case of deforestation, to provide goods for wealthy nations.

 Modern living has had a deleterious effect on the ecosystem. We must try to reverse this to save our wildlife.

**1. Say whether the following statements are True or False. (4.5 Ps)**

1. Human evolution is helping different animals to survive. False

2. The extinction of animals has only happened in recent times. False

3. In modem times, animals are killed for commercial purposes and for sport. True (0, 5)

4. The use of pesticides is harmful to plants, but not to animals. False

5. The cutting down of forest trees does not affect animals. False

**2. Answer the following questions (3.5 Ps)**

1. The author mentioned that the extinction of animals was part of the process of evolution. Explain.

- Humans’ activities like habitat destruction, pollution (polluted soil and water by using chemicals) and hunting distributed animals environment which lead their extinction.

2. Why elephant are being hunted?

- Elephants were being hunted for their ivory. (0, 5)

3. What makes the modern life dangerous for the ecosystem?

- Because of humans evolution that effects and changes animals environment.

4. What are the consequences of using chemicals?

- One of the consequences of using chemicals is soil and water pollution that is toxic to many of the plants, which are part of the habitat of many animals.

**3. Find in the text: synonyms and antonyms to the following words. (4 Ps)**

**a)** Development = Evolution Danger = Threat or Risk (could be used interchangeably)

**b)** Forestation ≠ Deforestation Easy ≠ Difficult

**4. Fill in the blanks with the appropriate word.(4 Ps)**

- Ecology is the study of inter-relationship of organisms with physical as well as biotic environments. Organisms and environment are interrelated and interdependent.

-Aquatic Ecology deals with the study of the ecosystems found in bodies of water, be it the marine, freshwater, or the estuarine.

- Environment is derived from the French word “viron” meaning Cycle**.**

**-** Biome is group of ecosystems that have the same climate and similar dominant communities.

**5. Identify whether the following sentences are simple, complex, compound or complex compound sentences. And why? (Briefly) (4 Ps)**

1. Although ecosystems vary in size and complexity, they all function according to ecological principles. Complex S

* Although (subordinating conjunctions)+ One Independent clause + One Dependent clause

2. The term ‘‘biosphere’ had been coined to highlight the interdependence of living and non-living world. Simple S

* One Independent clause

3. Viruses, though not classed as living organisms, are also studied by microbiology. Complex S

* One Dependent clause + Although (subordinating conjunctions)+ Independent clause

4. Pollution affects water quality but implementing effective environmental policies can mitigate its detrimental impact. Compound S

* One Independent clause + But( Coordinating conjunction)+ One Independent clause