


Course No: UNI 3316
Course Title: Environmental
Science
Date: 31 / 12 / 2013
No. of Questions: 5
Time: 2:00 hours
Using Calculator (No/)

University of Palestine

Final Exam
1st semester 2013/2014
Total Grade: 60

Instructor Name: Eng. Osama
Othman
Student No.: _____
Student Name: _____
College Name: _____
Using Dictionary (/No)

First Question

(20/60)

Define, explain or Describe the followings? (2 pt each)

1. Carbon Cycle
2. Species Diversity
3. Infiltration
4. Nitrification
5. Ecological Diversity
6. Biomes
7. Tropopause
8. Visible light
9. latent heat
10. Aerosols


Second Question

(24/60)

Answer the following complete questions: (3 pt each)

1. What are the major **Water Compartments**?
2. What are the important **eight Critical Aquatic characteristics**?
3. What are the **Benefits of Biodiversity** and the **threats of Biodiversity**?
4. List the **Terrestrial Biomes** types and describe **the characteristics** for each one?
5. Describe how can **Controlling Greenhouse Emissions**?
6. List the **Atmosphere Layers** and describe **the characteristics** for each one?
7. Compare between the **climate** and **weather** ?
8. List the type of **Pollutants** and list the **Toxic Elements**?

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Third Question

(6/60)

(T) and false (F) questions; (1 pt each)

1. The bioconversion by bacteria from ammonia in NO_2 and NO_3 is called Denitrification ()
2. Oxygen Solubility in Water decreases as temperature increase ()
3. Humans accelerate biogeochemical cycles when elements are extracted from their sources ()
4. At ground-level, ozone is a pollutant, but in the Stratosphere it screens Ultra Violet radiation ()
5. Ecosystem is a biological community without its physical environment. ()
6. Detritivores breakdown complex organic matter into simpler compounds ()

fourth Question

(6/60)

Answer the following:

(Sketch) (2 pt each)

- 1- Describe the hydrologic cycle?
- 2- Describe the Solar radiation as a function of Wavelength?
- 3- Describe the Ecological Pyramids?

fifth Question

(4/60)

Answer the following: (4 pt each)

1. What is the biggest Water problem in your opinion in Gaza-Strip? How can we solve this problem?

**End of Question
Good Luck**