



Damietta University  
Faculty of Sciences - Environmental Sciences Dept.  
First Semester Exam.

(Jan.2023) Time: 2 hours

Date: 14/1 /2023

Environmental toxicology 404E 4<sup>th</sup> year (Credit hours)

**Answer all the following questions**

**(Total mark 90)**

**A) Detect the type of the following poisons:**

**(15 mark)**

- Sulphoric acid & Ammonium hydroxide
- Lead & arsenic
- Alcoholand opium
- Tobacco
- Carbon dioxide & Carbon monoxide.

**B) Complete the Following:**

**(30 mark)**

- 1- Soil permeability is.....
- 2- .....is the specialised branch of toxicology which deals with evaluation of toxic substances present in biological specimen in crude form.
- 3- Accidental poisons are.....
- 4- The threshold limit value is defined as .....
- 5- Environmental toxicology is the study of the effects of .....on.....using various.....method.
- 6- There are three properties of POPs, they are .....,..... and.....
- 7- Any substance which, when introduced into a living body produces ill health disease or death is.....
- 8- .....poisons consist of poisons of both vegetable and animal origin.
- 9- Water bodies can be polluted by a wide substances including, .....,.....,.....,..... and .....

**B) How does a chemical enter your body? explain the fate of poisons in the body?**  
**(30 mark)**

**2- Discuss briefly, the mechanism of environmental effect of pesticides? (15 mark)**

With my best wishes  
Dr. Amany F. hasballah