

Course No: PHLT 1210
Course Title: Environmental Health
Date: 13/ 3 /2018
No. of Questions: (3)
Time: (1) hour
Using Calculator (No)

University of Palestine



1st. Midterm Exam
2nd. Semester 2017/2018
Total Grade:15 Marks

Instructor Name: Mr.Waleed Sabbah
Student No.: _____
Student Name: _____
College Name: Pharmacy
Dep. / Specialist: _____
Using Dictionary (No)

Q1. Read the following questions and choose the correct answer: (10 Marks)

1. Major types of pollution includes

- a. Air pollution
- b. Water pollution
- c. Land pollution
- d. All of above

2. The disease Giardia , Typhoid and Cholera are due to pollution of

- a. Air
- b. Food items
- c water
- d. None of these

3. Fluoride pollution mainly affects which of the following ?

- a. Kidney
- b. Brain
- c. Teeth
- d. Heart

4. When fecal coliform bacteria is found in a water sample, what is the likely conclusion?

- a. It causes too much growth of surface plants
- b. Dangerous bacteria and pathogens are likely present
- c. It came from industrial sites in the area
- d. Harmless bacteria is likely present

5. Polluted water causes what Diseases in human?

- a. Diarrhea
- b. Fever
- c. T.B
- d. Abdominal Pain

6. Which of the following is not an air pollutant ?

- a. Smoke
- b. Nitrogen Gas
- c. Carbon Dioxide
- d. Sulphur Dioxide

7. Harmful substance released by power plants and cars is

- a. Carbon dioxide
- b. Potassium
- c. Oxygen
- d. Magnesium

8. One of the following is not example of outdoor air pollution

- a. Mold and pollen
- b. Fine particles
- c. Noxious gases
- d. Ground-level ozone

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9. One type of less soluble gases (that penetrate to the small airways and alveoli).

- a. sulfur dioxide
- b. nitrogen dioxide
- c. formaldehyde
- d. Macrophages

10. Adverse response to an inhaled pollutant depends on the following except

- a. the degree of exposure
- b. the rate of breathing
- c. the site of deposition
- d. the susceptibility of the exposed person

Question 2-: true (✓) and false (X) (10 Marks)

1. () Environmental health addresses all the physical, chemical, and biological factors external to a person, and that can potentially affect health.
2. () A hazard is anything present in the environment that affect human health.
3. () Maintaining a healthy environment is central to increasing quality of life and years of healthy life.
4. () Poor-quality drinking water is an important risk factor for communicable, non-communicable disease
5. () Safe and healthy water is a crucial element in the reduction of child mortality (under 5 years) in developing countries.
6. () Physical parameters of water are those detectable by the senses, namely turbidity, color, taste, and residual chlorine.
7. () Drinking a lot of water helps to prevent many illnesses as urinary infections and coughs.
8. () Excess nitrate nitrogen in water is thought to be harmful. It causes dental cavities
9. () Air pollution is typically separated into two categories, physical air pollution and chemical air pollution
10. () Eye and respiratory tract irritation, headaches, dizziness, and visual are immediate symptoms that occurred after inhaled ozon.

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Question 3 : Answer the following questions (10 Marks)

1. Enumerate water-associated diseases that defined as a disease in relation to water supply and sanitation

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2. Enumerate 2 methods of water disinfection?

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3. Write 2 major classes of air pollutants (other than oxides) ?

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4. List 2 causes of deaths that are attributable to the joint effects of air pollution?

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Good luck

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