

Course No: PHLT 1210
Course Title: Environmental Health
Date: 04/06/2017
No. of Questions: (10)
Time: 2 hours
Using Calculator (No)

University of Palestine



Final Exam
2016/2017
Total Grade: 50

Instructor Name: Dr Mohammed Srour
Student No.: _____
Student Name: _____
College Name: Pharmacy
Dep. / Specialist: Nutrition & Health
Using Dictionary (No)

Question One:

Please put (T) for true answers and Put (F) for false answer, and correct them.....

1. Success of any recycling program is dependent on a demand for products in which the recycled materials can be incorporated ().
2. Problem is incomplete combustion of some organic materials in the presence of chlorides can produce dioxins, a toxic group of compounds ().
3. Mosquitoes are transmitters of diverse agents of disease, *Anopheles quadrimaculatus*, the main vector for yellow fever and dengue fever ().
4. The development of a program for preventing or reducing injuries suffered in vehicular accidents is easy ().
5. Continued health and safety and environmental protection will be possible only if these resources, particularly the supplies of nonrenewable fossil fuels, are carefully managed, conserved, and protected ().
6. Grab samples, collected on multiple-time basis, these represent at best a snapshot of the characteristics of the waste ().

Question Two:

Please select the best answer

1. In general, four processes (.....) are being used to treat solid wastes.
A) Incineration, water treatment, liquidation, chemical treatment
B) Incineration, heat treatment, solidification and/or stabilization, and chemical treatment
C) Incineration, purification, distillation, and chemical treatment
2. Rodents have been a public health problem for centuries. Most famous is the role of rats in the successive epidemics of plague, collectively known as the Black Death, caused by...
A) Staphylococcus
B) Streptococci
C) Yersinia pestis

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3. In fly control, the following is correct Except:
- A) Keeping garbage and excreta covered and disposing of them properly.
 - B) Timely disposal of garbage, especially decaying fruit.
 - C) Putting poisoning food to kill fly.
 - D) Careful sanitation program.
4. The goal in the pre-event-phase is to reduce the likelihood of a vehicular collision, factors that should be considered include the following, except:
- A) Humans involved (driver impairment by alcohol or other drugs)
 - B) Equipment (the condition of headlights, tire treads, and brakes)
 - C) Environment (the presence of barriers and traffic lights)
 - D) Equipment (whether the vehicle is equipped with an airbag, collapsible steering column)
5. National leaders must also make moral decisions in confronting problems that lead to damage of the global environment, examples are following except:
- A) Activities that contribute to the depletion of the ozone layer,
 - B) Deposition of acid rain,
 - C) Contamination of underground water,
 - D) Increases in the releases of atmospheric gases that cause global warming,

Question Three:

A) Mention the factors needed for a successful recycle?

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B) In the control of rats, effective control includes the some measures, mention them.

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Question Four:

In Gaza strip suffering from many environmental problems which affect Gaza's population health, electricity problem, many people using generators (motor) and batteries to generate electricity please, shortly, describe how that affect the human health, environment, what are the causes of problem, and what are the solutions?

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Question Five:

Please define the following terms:

Waste recycling:

Treatment:

Incineration:

Genetic engineering in pest management:

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Unintentional & intentional accidents:

Jaws of Life or Intelligent vehicle highway systems (IVHS):

Eutrophication:

Hazardous waste:

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Question Six:

Write short notes on:

1. The control of mosquitoes and mosquito-transmitted infections involves two basic steps, mention them.
2. In the post-event phase of accident, the goal in this phase is to reduce the disabilities due to the injuries, mention the factors that can reduce or limit the effects of injuries.
3. *“Setting environmental standards that represent a balance between protecting health and other values and, at the same time, taking into account the costs”* what you understand from this statement?
4. Talk about (Deposit-refund systems)

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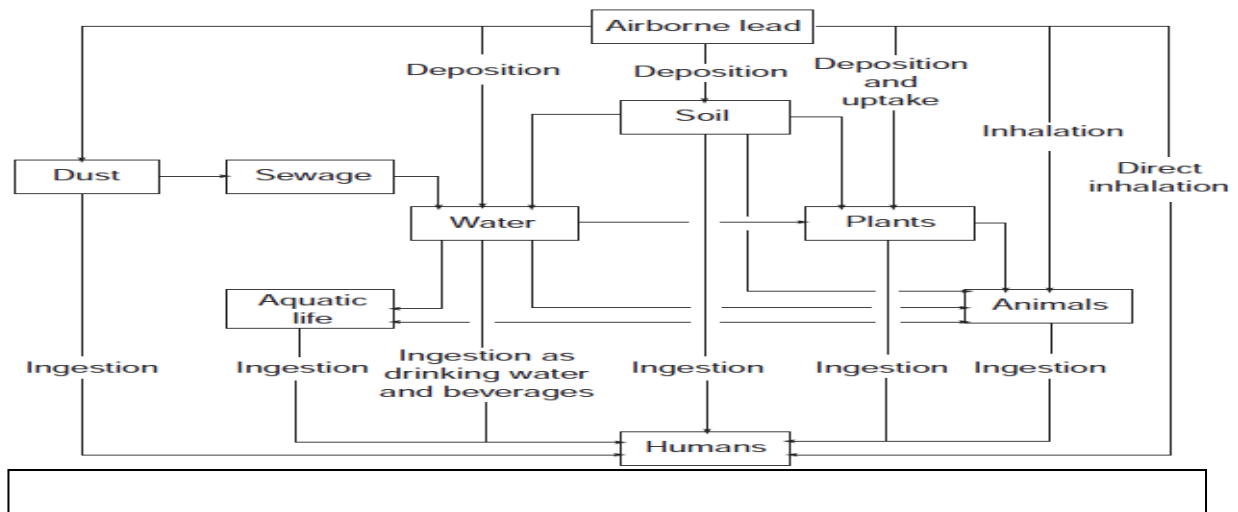
Question Seven:

Match between column A and B

#	Column A	#	Column B
1	<i>Bacillus thuringiensis israeliensis</i> (Bti)		Collected in equal volumes at regular intervals
2	Fossil fuels		Tornadoes
3	Timed-cycle samples		Mosquito and black-fly larvae
4	Natural disasters		Oil (petroleum)
5	Human made disasters		Fires

Question Eight:

What you are understand from this diagram, shortly....



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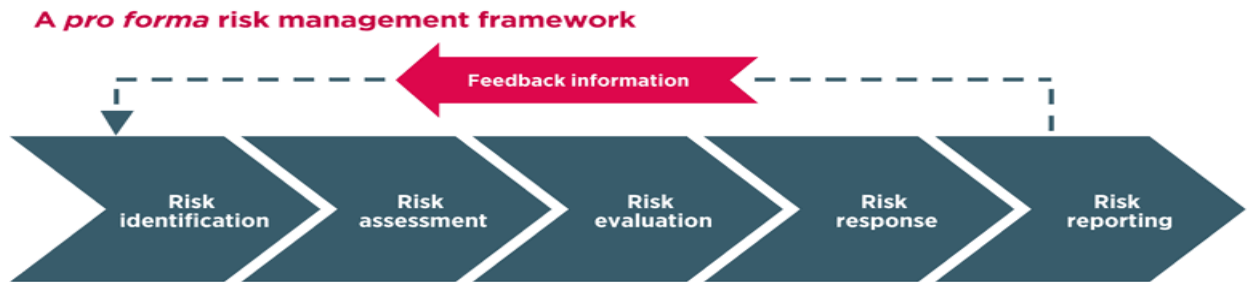


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Question Nine:

Gaza strip contains many risk and hazardous, shortly, how can you apply quantitative risk assessment on one example?



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Question Ten:

Disasters can affect us; shortly, write about the disasters types, and mention three potential toxic agents, and how to mitigating and preventing the impacts of natural disasters.

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End of Questions
Good Luck