Name: _____ Grade: _____ Date: _____

UNIT TEST

ENVIRONMENTAL BIOLOGY

POLLUTION

MULTIPLE CHOICE SECTION

INSTRUCTIONS: Choose the letter that best answers the following questions.

1. Which one shows a major way in which untreated sewage harms fish in the sea?
a. Bacteria sewage using up much oxygen the fish needs to breathe
b. Decreasing the amount of food available
c. Increasing the temperatures of the water

2. Which is a disadvantage of using pesticides to spray crops?
a. They help to prevent the spread of malaria
b. They increase the production of crops
c. They kill pests which destroy crops
d. They kill some of the animals that are not crops

3. The diagram below shows solid waste found in the sea.

P

Q

LIVEWORKSHEETS

Why is **Q** more harmful than P?

a. Bacteria can grow in Q
b. Q is made of dangerous chemicals
c. Q takes a long time to breakdown
d. Q will trap air

4. Which type of chemical will lead to a lack of dissolved oxygen for aquatic organisms?
a. Fertilizers
b. Herbicides
c. Insecticides
d. Pesticides

5. Which pollutant correctly matches the effect it has on the environment?

	Pollutant	**Effect**
A	Carbon dioxide	Causes ozone depletion
B	Chloroflurocarbon	Causes eutrophication
C	Sulphur oxide	Causes acid rain
D	Smoke	Causes enhanced greenhouse effect

6. Which product is biodegradable?
a. Glass
b. Metal
c. Plastic
d. Wood

LIVEWORKSHEETS

SHORT ANSWER SECTION

7. **INSTRUCTIONS:** Answer ALL parts of the questions below.

The Illustration below depicts various forms of pollution.

a. Define the following: Pollution, pollutant (2)

_____

_____

b. Name **TWO** forms of pollution visible in the illustration and provide an example for each. (2)

_____

_____

c. What is Eutrophication and what type of problems can this pose? (2)

_____

_____

_____

d. Name TWO disease related to air pollution. (2)

_____

e. Name TWO elements that makes up chlorofluorocarbon (2)

_____

LIVEWORKSHEETS

8. ESSAY QUESTION

INSTRUCTIONS: Choose **TWO** questions to answer for the following below **(a-c).** Answer **ALL** parts of the questions of your choosing.

a. Describe **FOUR** adverse effects of pollution by land. (8)

b. Describe the severity of the greenhouse effect. Be sure to mention: what it is/ how its caused, gases associated with the phenomena, long term/short term effects, solution to mitigate the problem. (8)

c. Describe the chemical component of chlorofluorocarbon. Be sure to mention: what it is, what why was it created, what problem does it pose, long term/ short term effects, solution to mitigate the problem. (8)

LIVEWORKSHEETS

LIVEWORKSHEETS

TOTAL: _____/32

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