

ENV SCIENCE 120 - LESSON 15

ENVIRONMENTAL SCIENCE 12

TEST 1

Env Science 120

STUDENT LEARNING TARGET

WHAT AM I GOING TO LEARN?	HOW WILL I SHOW WHAT I KNOW?	HOW WILL I KNOW HOW WELL I AM DOING – WHAT ARE MY LOOK-FORS?
I AM GOING TO COMPLETE A UNIT TEST ON CLIMATE AND ATMOSPHERE	I WILL USE A PENCIL AND PAPER TO COMPLETE ANSWERS TO THE QUESTIONS	1. I HAVE ANSWERED THE QUESTIONS IN ASSIGNMENT 15 - UNIT 1 TEST

**ENVIRONMENTAL SCIENCE 12
TEST 1**

NAME: _____

DATE: _____

VALUE 30 MARKS

1. Name 5 of the 10 major Environmental Concerns of today? (Value 5)
2. For each of the following terms explain the differences in their meanings:
(Value 6)
 - a) Weather and climate
 - b) Troposphere and stratosphere
 - c) Atmosphere and ozone
3. The Earth's early atmosphere probably contained very little (Value 1)
 - a) Hydrogen
 - b) Oxygen
 - c) Methane
 - d) Ammonia
4. The four aspects of climate are: (Value 1)
 - a) temperature, latitude, humidity, wind
 - b) temperature, location, precipitation, wind
 - c) temperature, organisms, precipitation, humidity
 - d) temperature, precipitation, humidity, wind

5. Carbon Dioxide makes up about how much of the Earth's atmosphere?(Value 1)

- a) 0.03%
- b) 3.0%
- c) 10%
- d) 30%

6. Which is NOT a Greenhouse gas? (Value 1)

- a) Water vapour
- b) Carbon dioxide
- c) Methane
- d) Nitrogen

7. Which factor has the MOST influence on a region's climate? (Value 1)

- a) Number of forests
- b) Distance from the ocean
- c) Number of mountain ranges
- d) Distance from the equator

8. A chlorofluorocarbon molecule contains from 1 to 4 chlorine atoms. About how many ozone molecules can 1 chlorine atom destroy? (Value 1)

- a) 1
- b) 4
- c) 100,000
- d) 400,000

9. Which is NOT an adverse effect of high levels of UV light? (Value 1)

- a) Increased incidence of skin cancer
- b) Interferes with photosynthesis
- c) Disruption of ocean food chains
- d) Increased amounts of atmospheric carbon dioxide

10. Name two characteristics of the atmosphere that make life possible on Earth?(Value 2)

11. Explain why the equator receives more direct sunlight than the poles receive? (Value 2)

12. What are the two main causes of the increase in carbon dioxide in the atmosphere? (Value 2)

13. What are the main sources of CFC's in our atmosphere? (Value 2)

14. What can humans do slow down the effects of global warming on our climate? (Value 4)

Attachments



World Population Clock