

LITHOSPHERE AND ATMOSPHERE TEST

NAME: _____

YOUR CELL PHONE NUMBER: _____

QUESTION 1

Choose the correct option

1.1. The density of the atmosphere

- A. Increases with an increase in distance away from the earth
- B. Decreases with a decrease in distance away from the earth
- C. Stays constant
- D. Depends on humidity

1.2. Layers of the earth arranged in increase of the earth's surface

- A. Stratosphere, Troposphere, Mesosphere, Exospheric, Thermosphere
- B. Mesosphere, Thermosphere, Troposphere, Stratosphere, Exosphere
- C. Troposphere, Stratosphere, Mesosphere, Thermosphere, Exosphere
- D. Troposphere, Stratosphere, Thermosphere, Mesosphere, Exosphere

1.3. Gases from which greenhouse gases exist

- A. Chlorine, Nitrogen, Carbon dioxide
- B. Methane, Carbon dioxide, Nitrogen
- C. methane, Carbon dioxide, steam
- D. Methane, Steam, nitrogen

1.4. Which option does not have negative effects of global warming

- A. Reduction of energy
- B. Change in weather forecast
- C. Agricultural yields vary
- D. Malaria increases

1.5. Which of the following is false about the rock cycle?

- 1. Natural process
- 2. Trade over a long period of time
- 3. Coal is an example of this
- 4. Process where rocks break down and form again

QUESTION 2

Give one word for the following conception

2.1. A large cloud of a substance and gas

2.2. Increase in average temperature of the earth's atmosphere and oceans.

2.3. Nuclei of hydrogen atoms melts and releases energy

2.4. Process that breaks down rocks and forms again

2.5. Rock which was rock or sedimentary rock

2.6. Natural solid with definite chemical composition and specific structure

QUESTION 3

Give the definition of the following terms

- 3.1. Greenhouse gases
- 3.2. Temperature gradient
- 3.3. Erosion agents
- 3.4. Sedimentary rock

Question 4

Match column B to column A

Column A	Column B
4.1. Nuclear fusion reaction	A. Blue
4.2. ore	B. rocks with valuable minerals
4.3. hematite	C. Burning ball gas
4.4. Stars	D. Large tail
4.5. Red Giant	E. change mass
4.6. Young star	F. melted rocks outside earth's crust
4.7. Lava	G. Iron ore
4.8. Magma	H. Melted rocks within earth's crust

QUESTION 5

- 5.1. The earth consists of 4 spheres. Draw a sketch, label and describe each sphere.
- 5.2. The earth is divided into 5 parts. Draw a sketch and label the parts.
- 5.3. What is the greenhouse effect?
- 5.4. Name 4 reasons why the earth is the ideal place to live
- 5.5. What is the classification of the atmosphere based on?

QUESTION 6

- 6.1. What occurs mainly in the troposphere
- 6.2. Name the layers of the atmosphere that possess 24% of the atmosphere mass.
- 6.3. In which layer is UV rays absorbed?

QUESTION 7

True or false. If **False** please write down the correct statement.

- 7.1. All planets with an Atmosphere have a greenhouse effect
- 7.2. As stars are born, they have an infinite long life
- 7.3. As gases contract to form a star, the temperature increases
- 7.4. Minerals occur in the crust as a combination of elements and compounds

QUESTION 8

- 8.1. What is a star called when it dies?
- 8.2. Why does stars die?
- 8.3. What happens with the parts of stars that float in space.

QUESTION 9

Complete the table on types of rocks

	Shape from	Structure	Example
Igneous rocks			
Sedimentary rocks			
Metamorphic rocks			

QUESTION 10

Describe the rock cycle step by step in a flow chart

QUESTION 11

- 11.1. What influences the difficulty of removing metals from ore?
- 11.2. Give an example of a physical mining process.
- 11.3. Give an example of a chemical mining process
- 11.4. Name two types of mines what is being used today.
- 11.5. Name 4 negative influences of mines