

LA PASTORA GOVERNMENT PRIMARY SCHOOL
STANDARD FIVE MRS. O. CLARKE
TERM 1: END OF TERM TEST 2021

SCIENCE
[50 MARKS]

STUDENT'S NAME: _____

DATE: Monday 29th November, 2021

READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. Make sure you read each question carefully.
2. Answer **ALL** questions given.
3. You have 30 minutes for this test.

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

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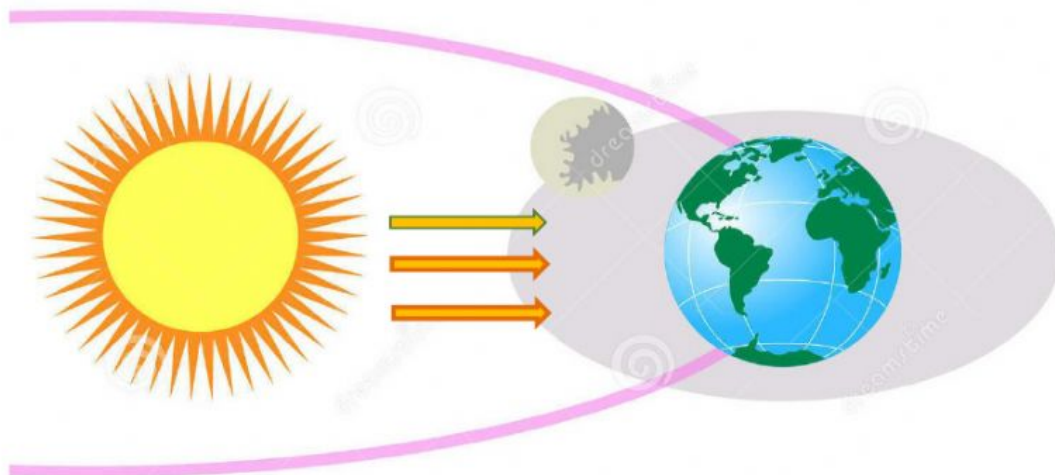
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1. OZONE LAYER [15 Marks]

A. Complete the following statements with a suitable word. (2 marks)

1. Ozone is a thin layer of _____ in the Earth's upper atmosphere.
2. The Ozone Layer _____ the Earth from most of the harmful ultraviolet (UV) rays from the sun.

B. Label the diagram below using the words **Sun**, **UV Rays**, **Ozone Layer** and **Earth**. (4 marks)



C. Write **True** or **False** at the end of each statement below. (5 marks)

1. "Ozone depletion" means the same as "ozone reduction". _____
2. Chlorofluorocarbons (CFCs) are gases that repair the ozone layer. _____
3. CFCs are used in some refrigerators, Styrofoam containers and aerosols. _____
4. Excessive exposure to UV rays can cause sunburns, skin and eye diseases. _____
5. The most effective way to protect the ozone layer is to continue using products that are CFC-free. _____

D. How can you protect your skin and eyes from harmful UV rays? (2 marks)

E. List two (2) ways that you can help to protect the ozone layer. (2 marks)

1. _____

2. _____

2. GLOBAL WARMING & THE GREENHOUSE EFFECT

[15 Marks]

1. Complete the following statements below. (2 marks)

- i. Many _____ are responsible for the change in climate.
- ii. The burning of forests and fossils fuels produces certain gases. These gases in turn form a 'blanket' in the atmosphere to trap the heat reflected from the Earth. When the heat cannot escape into space, the Earth gets warmer. This is called the _____.

2. List three (3) Greenhouse Gases you know. (3 marks)

- i. _____
- ii. _____
- iii. _____

3. Complete the statements below. (4 marks)

- i. With the thinning of the ozone layer and formation of _____ in the ozone layer, more UV rays and heat from the _____ are reaching the Earth's _____.
- ii. As more heat is trapped in the blanket of gases and cannot escape into space, this causes a rise in the average temperature on Earth. This increase in the temperature all over the world is called _____.

4. What are three (3) consequences of rising temperatures on Earth? (3 marks)

- i. _____
- ii. _____
- iii. _____

5. State three (3) ways to prevent or stop the rising temperatures on Earth. (3 marks)

- i. _____
- ii. _____
- iii. _____

3. CONDUCTORS AND INSULATORS [20 Marks]

Complete the following statements below.

1. Materials that **allow heat** to pass through them easily are called _____ . (2 marks)
2. List three (3) examples of these materials. (3 marks)
 - i. _____
 - ii. _____
 - iii. _____
3. These materials are usually used to make _____. (2 marks)
4. Materials that **do not allow heat** to pass through them easily are called _____ . (2 marks)
5. List three (3) examples of these materials. (3 marks)
 - i. _____
 - ii. _____
 - iii. _____
6. These materials are usually used to make _____. (2 marks)
7. _____ are materials that **allow electricity** to flow through them.
They can be used to make connecting wires for electrical appliances. (2 marks)
8. _____ are materials that **do not allow electricity** to flow through them. They can be used to make socket casings, switches and plugs. (2 marks)
9. A _____ can be used to test whether an object can conduct electricity or not. (2 marks)

SCIENCE ROCKS!

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