

CANDIDATE  
NAME

--

CENTRE  
NUMBER

--	--	--	--	--

CANDIDATE  
NUMBER

--	--	--	--

---

## Primary 6

12/08/24

### SCIENCE

August 2024

Paper 2

**35 minutes**

You must answer on the question paper.

No additional materials are needed.

---

### INSTRUCTIONS

- Answer **all** questions.
- Use the black or dark blue pen.
- Write your name, center number and candidate number in the boxes at the top of the page.
- Write your answer to each question in the space provided
- Do **not** use an erasable pen or correction fluid.
- You should show all your working in the booklet.
- You are **not** allowed to use a calculator.
- **WRONG SPELLING** is ALWAYS **WRONG**.

### INFORMATION

- The total mark for this paper is 40.
- The number of marks for each question or part question is shown in brackets [ ].

For Teacher's Use	
Question No	Marks
1	
2	
3	
4	
5	
6	
7	
8	
Total	

Invigilator Name:.....

Invigilator Sign:.....

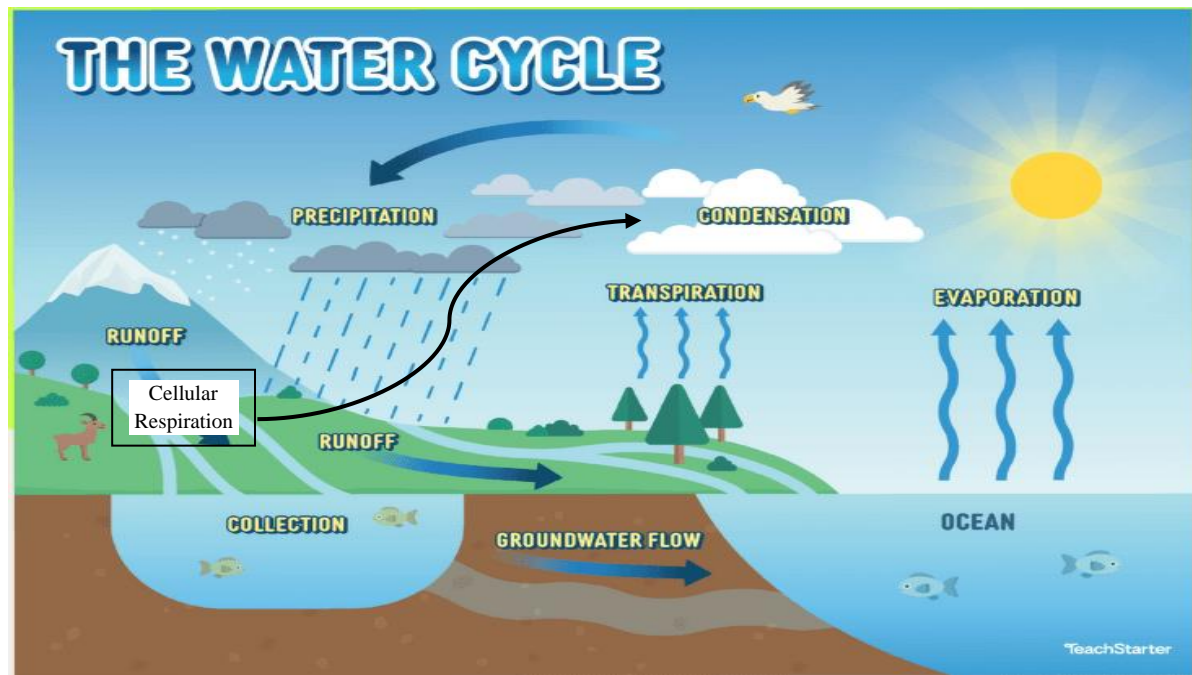
---

This document has 9 pages. Any blank pages are indicated.



1. Explain the Hydrologic Cycle by listing and defining the processes. An example is already made for you.

For  
Examiner's  
Use



EXAMPLE: CELLULAR RESPIRATION – Some of the water comes from organisms through cellular respiration.

1. EVAPORATION.....  
.....
2. TRANSPIRATION.....  
.....
3. CONDENSATION.....  
.....
4. RUNOFF.....  
.....
5. PRECIPITATION.....  
.....



6. COLLECTION.....

.....[6]

[Total: 6]

For  
Examiner's  
Use

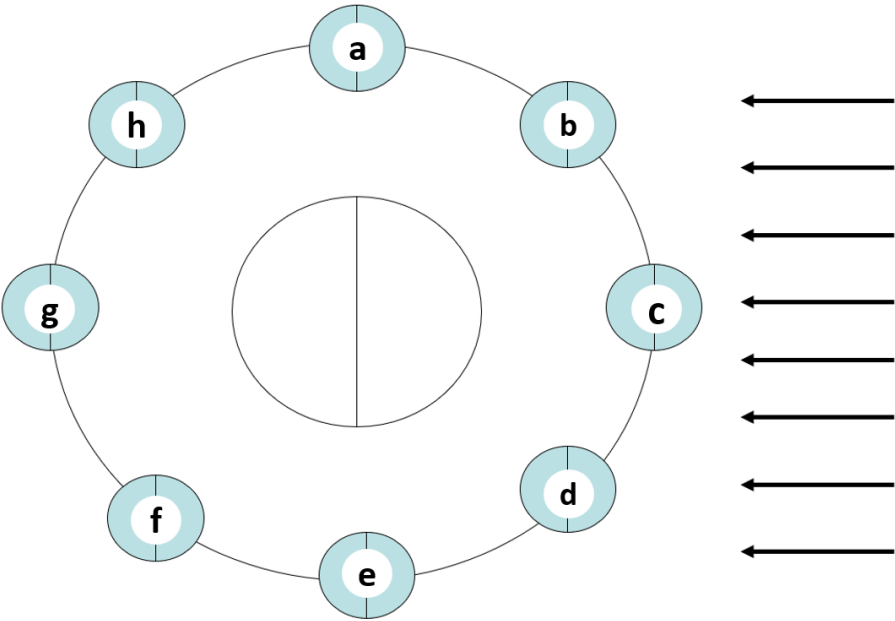
2. Describe the type of air pollution:

TYPE	SOURCE	PROBLEM
PHOTOCHEMICAL		
ACID PRECIPITATION		
DUST, GASES, GASES AND ASH		

[3]

[Total: 3]

3. The diagram below present the position of the moon while completing it’s rotation to our planet. Given the direction of the sunlight, complete the diagram of Moon Phases.

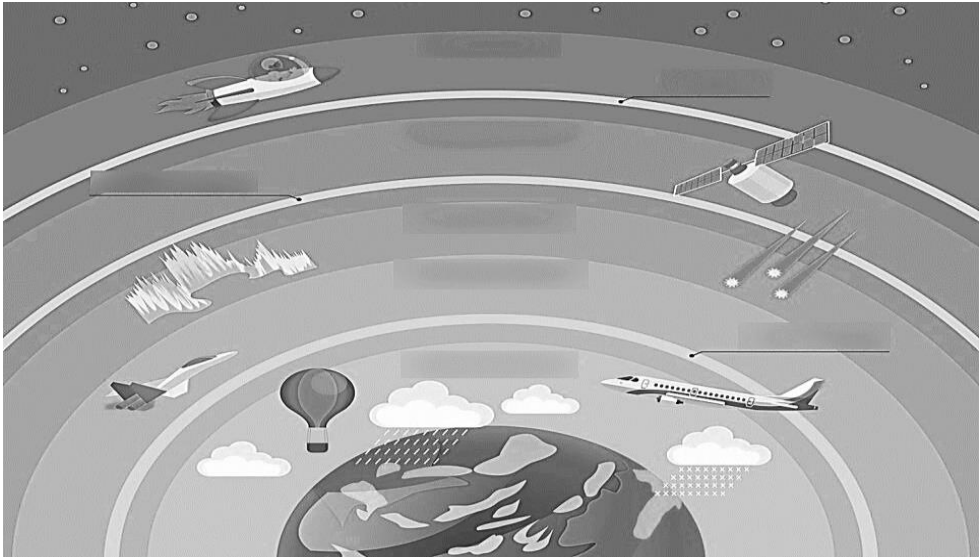


- a. ....
- b. ....
- c. ....
- d. ....
- e. ....
- f. ....
- g. ....
- h. ....

[6]

[Total: 6]

4. The diagram shows the layers of the atmosphere, provide at least two (2) details for each box in the table below.

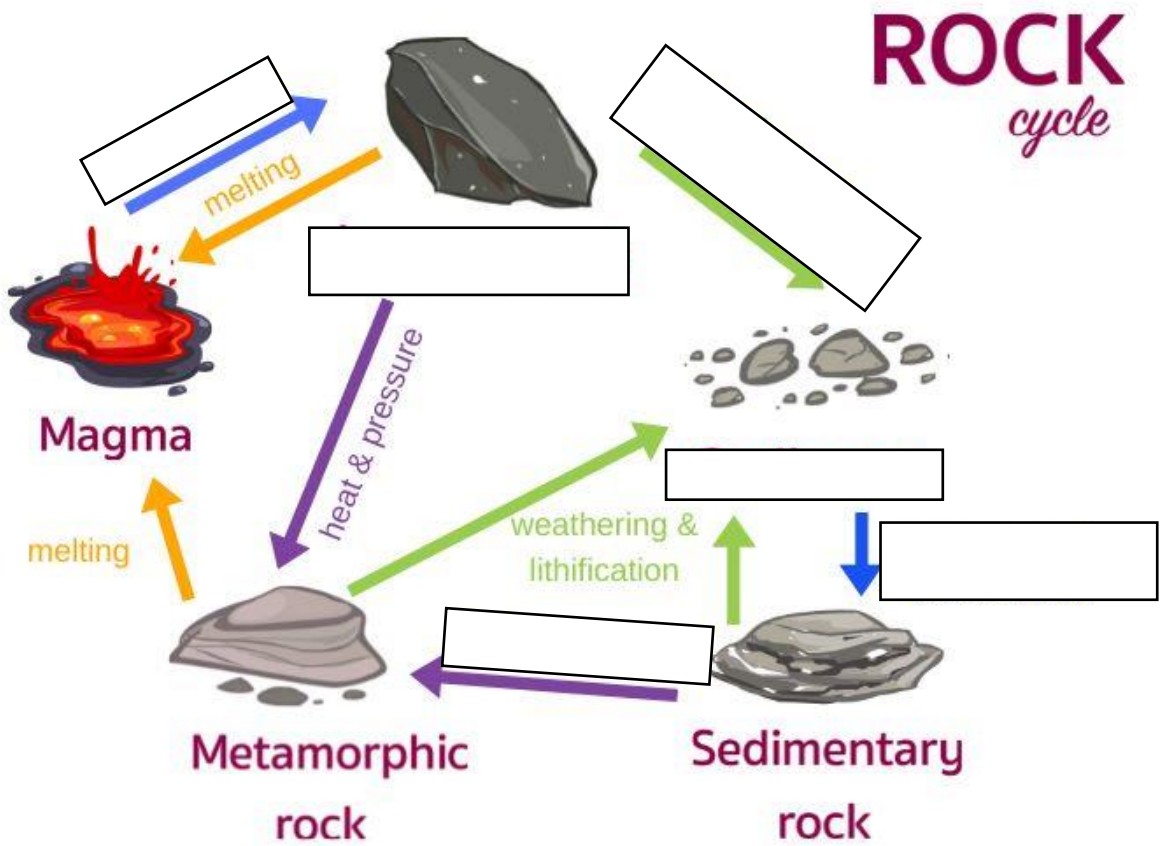


Layer	Description
Exosphere	
Thermosphere	
Mesosphere	
Stratosphere	
Troposphere	

[5]  
[Total: 5]

5. Complete the rock cycle.

A



5a. Given the diagram of the rock cycle, explain the following.

- a. If any of the following rock was applied with heat and pressure what will happen?

Explain why.

.....  
.....

- b. If a sedimentary rock and igneous rock undergoes with weathering and lithification, what will happen to the rock? Explain.

.....  
.....

- c. When metamorphic and igneous rock was applied with heat which causes melting and turns into magma after the cooling processes, what will happen to it? Explain.

.....  
.....

- d. From a sediment, it will stock in one place and there will be deposition and compaction, if this happens through a long period of time, what will happen to the sediments? Explain.

.....  
.....

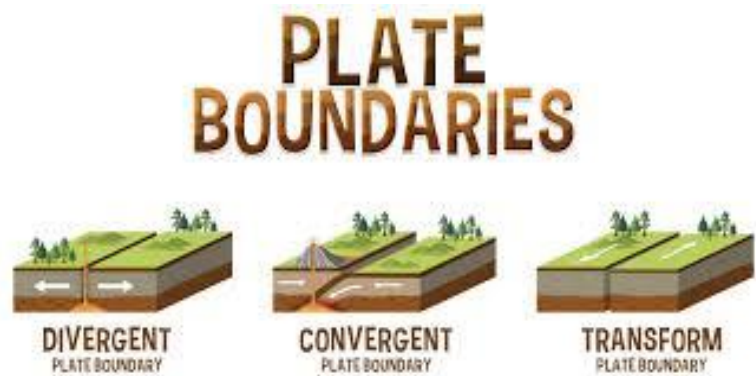
[9]

[Total: 9]



6. Explain the movement of the following convergent boundaries.

For  
Examiner's  
Use



TYPE OF BOUNDARY	DESCRIPTION
CONVERGENT	
DIVERGENT	
TRANSFORM	

[3]

[Total: 3]





7. Describe how people make use of renewable energy.

ELABORATE:

1. THREE PROBLEMS ASSOCIATED WITH DEFORESTATION:



- a)
- b)
- c)

2. THREE WAYS GOVERNMENTS MANAGE LAND RESOURCES:

- d)
- e)
- f)

[6]  
[Total: 6]

8. Give the names/descriptions of the following symbols of the topographic map.

SYMBOLS	DESCRIPTION
	
	

[2]  
[Total: 2]

For  
Examiner's  
Use

