

P.4 SOCIAL STUDIES

Instruction: Copy all the work in your classwork book and answer all questions in good handwriting.

Date: Tuesday 2nd June, 2020.

INFLUENCE OF PHYSICAL FEATURES ON CLIMATE / ANIMAL LIFE

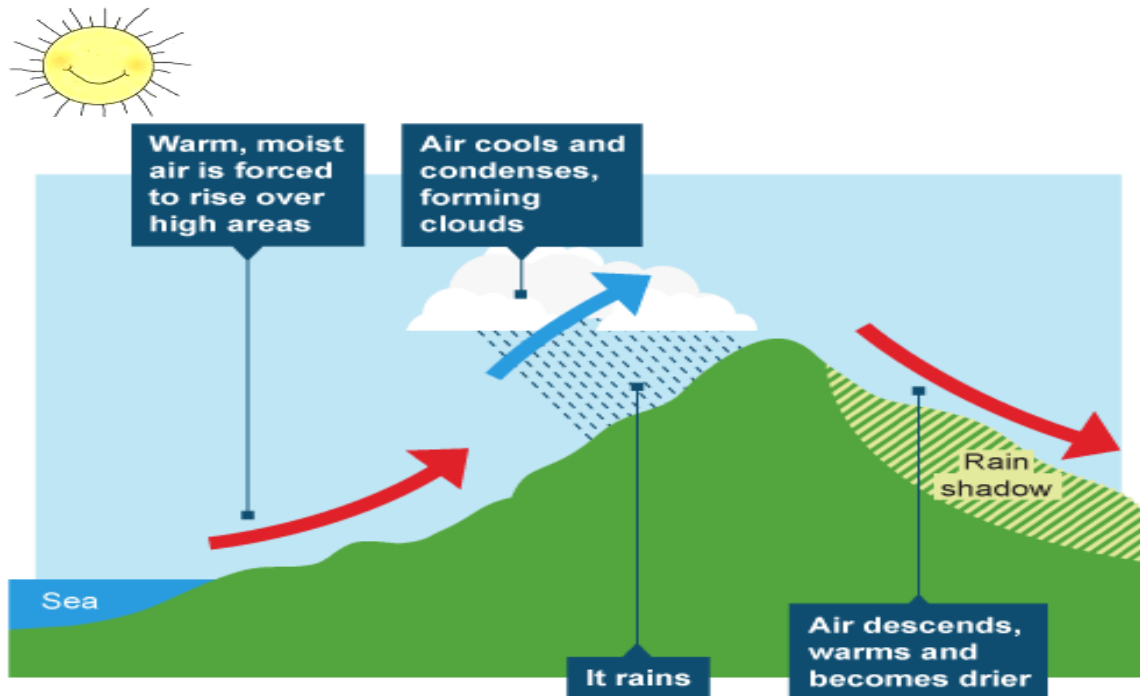
Qn. How do physical features influence climate of an area?

- Physical features help in rain formation

Influence of mountains on climate

- Mountains help in the formation of relief rainfall.
- Relief rainfall is majorly experienced in mountainous areas / highland areas
- Relief rainfall is also called orographic rainfall.

A DIAGRAM SHOWING THE FORMATION OF RELIEF RAINFALL.



Activity

1. What type of rainfall formation is shown above?
2. Name the side of a mountain that;
 - a) Receives much rainfall
 - b) Receives little rainfall.

3. Why does the wind ward side receive much rainfall than the lee ward side?
4. Why does the leeward side receive little or no rainfall?
5. Why do winds that reach the lee ward side dry?

Date: Wednesday 3rd June, 2020.

Examples of districts that receive relief rainfall in Uganda

- Mbale
- Kapchorwa
- Kasese
- Bundibugyo
- Kisoro
- Kabale.

Influence of lakes and rivers on climate.

- Lakes and rivers help in the formation of convectional rainfall.

Convectional rainfall

- This is the type of rainfall received in areas with lakes, water bodies and forests.
- Convectional rains usually fall in afternoons.
- It's received in districts like Kampala, Wakiso, Kalangala and others.

Diagram to show convectional rainfall



How physical features affect peoples' activities

- Physical features determine the work people in that area.
- Physical features such as mountains have fertile soils for crop growing.

How physical features affect animal life

- They provide water, food and shelter to animals

CARING FOR PHYSICAL FEATURES

Ways of protecting physical features

- Enforcing laws against environmental degradation
- Avoiding swamp drainage
- Avoiding over cultivation on mountainous areas
- Avoiding pollution

Activity

1. Which type of rainfall is received around waterbodies?
2. Name one district in Uganda which receives convectional rainfall.
3. Mention any two processes involved in the formation of rainfall.
4. How do physical features affect man's activities?
5. State two ways of caring for physical features.

Date: Thursday 4th June, 2020.

Environmental degradation

Environmental degradation is the lowering down the quality of the environment.

OR

Environmental degradation is anything done to destroy the natural state of the environment.

Ways of degrading the environment

- Polluting the environment
- Practicing swamp drainage
- Brick making in wetlands
- Overgrazing
- Over cultivating the land

Environmental Conservation.

- This is the act of improving the quality of the environment.

Ways of improving the quality of the environment.

- By planting more trees (Afforestation)
- By protecting swamps (Swamp reclamation)
- By replacing cut down trees (Re-afforestation)

Organizations that help in protecting physical features in Uganda

- National Environment Management Authority (NEMA)
- National Forestry Authority (NFA)

Activity

1. What is environment?

2. Write any two highland districts in Uganda.
3. Why does Kabale receive relief rainfall?
4. What is environmental degradation?

5. Write any two activities that destroy the quality of the environment.
6. Which body in Uganda is responsible for protecting forests?
7. State one activity which conserves the environment.
8. Write in full
 - a) NEMA
 - b) NFA

Date: Friday 5th June, 2020.

Revision Activity.

1. What are physical features?
2. Write two types of physical features.
3. Name the highest mountain in Uganda.
4. How was L. Victoria formed?
5. What is fishing?
6. State any two methods of catching fish.
7. Which type of rainfall is received around mountains?
8. Give two ways of caring for physical features.
9. How do lakes and rivers influence the climate of an area?
10. What is environmental conservation?