

Final Exam Practice Questions

Directions: Using the words provided in the baggie as BASE WORDS, answer the questions in your notebook!

1. How does the position of the Sun in the sky affect the intensity of sunlight striking Earth's surface?
2. When cold air in the winter passes over large bodies of warm water, moisture is picked up. As the air rises rapidly over land, what happens to the moisture and outcomes can occur because of this?
3. Discuss (Explain in detail) what macroinvertebrates are and why they are bioindicators.
4. Compare and contrast oil and coal include at least 6 differences and 3 similarities.
5. Compare and contrast the three zones of latitude and describe their climate.
6. Explain how each of the following impact the climate: Volcanic Eruptions, Habitat Destruction & Ozone Pollution. Make sure to include: the causes of the activities (list above) and effects on the climate.
7. Draw a picture of how the Greenhouse Effect works and label the following: UV rays, greenhouse gases, ozone and body of water.
8. Discuss how Elevation and Global winds affects Climate.
9. What are three ways to reduce our carbon footprint and how do those activities reduce our carbon footprint?
10. Create a flow map using the knowledge of the causes and effects of polar ice caps/sea ice.
11. Increasing the processes of cellular respiration and burning of fossil fuels causing more greenhouse gases to be present in the ozone. Hypothesize how this may impact the biodiversity of a forest ecosystem.

Direct Sunlight	Equator	Warmer environment
Cooler environment	Precipitation	Increasing moisture
Indicators of pollution	deposits	Destroying land
High economical benefits	Blocking UV rays with particles	Lower oxygen availability
Drilling	Creates heat	Mined
Equator	Energy Consumption	Polar Regions
Warm air moves towards	Cold air moves towards	Renewable Energy
Increasing UV rays	Sea Levels	Freshwater Availability
Increasing gases	Decreasing gases	More or less

		animals types
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