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**Human Environment Interaction Notes**

**Warm-Up: Answer in Complete Sentences**

**Image 1**:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Image 2**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Image 3:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How are all three of these images part of Human Geography (finding the interconnectedness)?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

A. Human Environment Interaction

1. **\_\_\_\_\_\_\_\_\_\_\_\_**or Human Environment Interaction is a **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**which describes how human beings **\_\_\_\_\_\_\_\_\_\_\_\_\_**with the environment to **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**from it, and how the**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, in turn, **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**to this interaction.
2. It indicates how humans themselves have to **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**the environment to**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**.
3. The acronym DAM (**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**) is used in HEI.

B. Humans Depend on their Environment

1. Humans depend on the environment to **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**for their **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** as well as development of their **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**.

~**\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, clean drinking**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, **\_\_\_\_\_\_\_\_\_\_\_\_\_**for construction, fiber for**\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, coal and natural gas for industries and energy are all depended upon for survival.

C. Humans Adapt to Their Environment

1. Humans have to **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**to those conditions in the environment which**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, to ensure**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**.
2. Examples of **\_\_\_\_\_\_\_\_\_**through **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**are: building houses on higher ground in**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, using the **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**of the land to transport water for irrigation, wearing **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_-**…

D. Humans Modify Their Environment

1. Humans can **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**the environment to make it **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, so that their needs are**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
2. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**allow people to not only survive, but**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**.
3. Such modifications can include **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**in the ground for oil extraction, **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**for water storage and flood control, **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**to increase crop production for a large population…

E. Types of Interactions

1. Human environment interactions mostly produce positive effects for **\_\_\_\_\_\_\_\_\_\_\_\_ (\_\_\_\_\_\_\_\_\_\_\_\_\_\_)**, but they also have far-reaching consequences on the environment, that are all too often**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**.
2. A few of these interactions may be **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**or have **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**on the environment. Examples of such consequences are the recreational use of mountainous regions for skiing or**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, or**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**.
3. In most cases though, the **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**ends up being**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**. Human activities have ended up **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**the**\_\_\_\_\_\_\_**, **\_\_\_\_\_\_\_\_\_\_**, and**\_\_\_\_\_\_\_\_\_\_\_\_\_\_**.
4. This has led to increasing surface temperatures of the Earth (**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**), which has placed coastal towns around the world at risk of being submerged.
5. The **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**of forests for cultivation and timber production has **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**many **\_\_\_\_\_\_\_\_\_\_\_\_\_**of **\_\_\_\_\_\_\_\_\_\_\_\_**and**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**, putting entire ecosystems under**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**.

|  |  |
| --- | --- |
| Positive (or Nuetral) | Negative |
| 1.2.3.4.5. | 1.2.3.4.5. |

In complete sentences describe how HEI is a part of Human Geography? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Human Environment Interaction Examples**

**Directions:**

1. Read each scenario and circle if it is a positive or negative HEI.\
2. Then use the code to identify if it is D-A-M (depending, Adapting, Modifying). Some may have multiple correct choices, but use the BEST answer. Don’t forget the images at the bottom!

Depending: Blue

Adapting: Green

Modifying: Red

|  |  |  |
| --- | --- | --- |
| The Amazon Rainforest is being cut down and used for Timber.**Positive or Negative** | Farmers are able to live off of the crops that grow in natural habitats.**Positive or Negative** | Communities have a “Cut one Plant Three” program. For each tree cut down, three are replanted.**Positive or Negative** |
| Dams have flooded over lands once used as farmland.**Positive or Negative** | Streams and rivers are the main way to transport items.**Positive or Negative** | Hydro electricity is produced from Dams across the world.**Positive or Negative** |
| Canal Systems have been around for thousands of years.**Positive or Negative** | Nile River provides fish for many people of northern Africa.**Positive or Negative** | Houses are built on stilts near flood zones.**Positive or Negative** |
| The Pacific Ocean has a plastic vortez, almost the size of Texas due to pollution.**Positive or Negative** | Terrace farming enables more crops to be grown in an area.**Positive or Negative** | Slash and burn farming kills all plant life, reducing natural habitats.**Positive or Negative** |
| France made recycling a law. You must recycle all possible materials.**Positive or Negative** | Eskimo people of northern Canada use Ice blocks to build homes.**Positive or Negative** | Amazonians build lifted houses to avoid ants and bugs.**Positive or Negative** |
| Aqudeucts were made to transport water from the Nile to the dry areas of the Sahara Desert.**Positive or Negative** | More areas are turning into deserts as water is being used.**Positive or Negative** | Hiking trails and animal reserves are created throughout the United States and Texas to preserve ecosystems.**Positive or Negative** |
| The Aswan High Dam controls seasonal flooding.**Positive or Negative** | Gases and pollutants cover Mexico City due to overcrowding.**Positive or Negative** | African tribes build homes out of clay to keep cool in the hot summer months.**Positive or Negative** |
| Gorges Dam in ChinaDam with Water**Positive or Negative** | NurseryTrees in a Nursery**Positive or Negative** | Image result for solar panelsSolar Panels**Positive or Negative** |