

Chapter

13

The Humanized Environment

Environmental Development 1

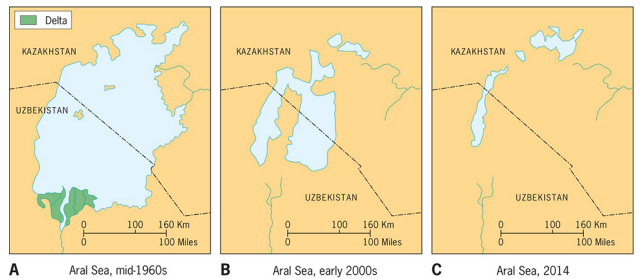
Note: all of the following information in addition to your reading is important.

**How Has Earth's Environment Changed Over Time?**

- Define: continental drift, and state who developed this theory - \_\_\_\_\_
- Define: Pangaea, and plate tectonics - \_\_\_\_\_
- Define: Pacific Ring of Fire - \_\_\_\_\_

**How Have Humans Impacted the Earth's Environment?**

- Define: environmental stress, and briefly discuss ONE example in which this is caused by humans - \_\_\_\_\_
- Define: renewable and nonrenewable resources - \_\_\_\_\_
- Define: aquifer, and discuss ONE impact humans can have on them - \_\_\_\_\_
- Describe the impact human activity has had on the Aral Sea - \_\_\_\_\_



- Define: hydrologic cycle - \_\_\_\_\_
- Discuss the issue of water security from the geopolitical perspective of Israel - \_\_\_\_\_
- Define: Great Pacific Garbage Patch - \_\_\_\_\_
- Define: atmosphere - \_\_\_\_\_

**How Have Humans Altered Earth's Environment? (cont'd)**

• Define: greenhouse gas, and give several examples - \_\_\_\_\_

• Describe what impact chlorofluorocarbons (CFCs) had on the environment – \_\_\_\_\_

• Define: climate change, and describe ONE impact it may have on the environment - \_\_\_\_\_

• Briefly discuss the degree to which anthropogenic gases may affect the environment - \_\_\_\_\_

• Define: acid rain, and discuss ONE impact it has on the environment - \_\_\_\_\_

• Define: deforestation, and discuss its potential impact on the oxygen cycle – \_\_\_\_\_

• Define: soil erosion, and discuss ONE impact it has on the environment - \_\_\_\_\_



• Define: solid waste, and describe the difference between disposal in sanitary landfills (in MDCs) as opposed to most landfills in LDCs – \_\_\_\_\_

• Contrast the disposal of toxic waste, as compared with low-level radioactive waste – \_\_\_\_\_

• Discuss ONE difficulty in disposing of low-level OR high-level radioactive waste – \_\_\_\_\_

• Define: biodiversity - \_\_\_\_\_

• Discuss ONE impact humans have had on biodiversity – \_\_\_\_\_