Ch21: Climate

# 21A

2) Why are extreme views about conservation of natural resources not right?

3) How are climate and weather different if they rely on the same data?

4) How do the following affect the temperature of a given location:

a. latitude b. calendar (season)

c. elevation d. water

6) In what 2 ways can large bodies of water affect climate?

7) How do mountains affect climate?

8) Briefly summarize the Canopy Theory.

# 21B

1) What do climatologist look at to categorize an area’s climate?

3) You are taking an epic bicycle trip across the Australian continent from the west to the east coast. Describe the climate zones you travel through by referring to figure 21-10.

4) How do you think climates affect where you can find certain kinds of animals?

6) Compare and contrast temperate marine and temperate continental climates.

# 21C

1) How is global warming related to climate change?

4) What climate changes happen during an ENSO?

5) Explain how volcanoes can temporarily change Earth’s climate?

6) What natural, geophysical factors could account for a rising in Earth’s temperature?

7) What are two kinds of human activities that some scientists believe contribute to climate change?

8) How accurate are models of climate change? What does that say about the certainty of their predictions?

9) What is the most radical solution proposed by environmentalists to the the potential problem of human-caused global warming?

# Review Questions

17) Why would it be difficult to tell if people were actually causing global warming?

20) What are some ways that a warming Earth could be good?

22) How should a Christian respond to evidence for global warming/climate change?

# Vocabulary 21