Student name:

**End of section review 5.3**

**Review questions**

Complete the quiz in the Interactive Textbook, and answer the questions below on paper or in the Interactive Textbook.

**Recall**

1. **Using Figure 5.5, define the terms atmosphere, lithosphere, hydrosphere and biosphere. Give an example for each.**
2. **What is an ecosystem?**
3. **List some of the characteristics used to classify an environment.**

**Interpret**

1. **Name the five different types of environments represented in Figure 5.8.**
2. **List some of the non-living components in an environment that can determine the types of plants and animals living there.**

**Argue**

1. **‘Biodiversity is the most important measure of the health of an environment.’ Explain what this statement means and discuss whether or not you agree with it.**

**Extension**

1. **Draw your own diagram summarising the Earth’s four spheres. Annotate it to show how non-living components within an environment support the living components.**
2. **Visit the Map Maker tool on the National Geographic website via the following link: https://cambridge.edu.au/redirect/9695. Add the Climate Zones layer from the Climate and Weather category. Using the legend, list the different climate types found within Australia. Compare this with the climate types found within the United States.**

Key concepts: place, space, environment, interconnection

HASS skills: questioning and researching, analysing, evaluating, communicating and reflecting