

1. What is *bioprospecting*?

- a) the hunt for substances of value inspired by living organisms, such as medicine
- b) the search for gold or other valuable minerals found in the Earth

2. Why do scientists collect specimens?

- a) because it almost always produces positive results for researchers
- b) because samples of plants and animals might have helpful compounds

3. According to the lecture, how can technology help find medical compounds in plants and animals?

- a) It can help analyze chemicals more quickly.
- b) It can help scientists locate plants in remote areas.

4. What did Haris Saslis-Lagoudakis do?

- a) discovered a type of bacteria in a fjord that filters UV rays
- b) created a family tree of plants to show relationships

5. What do related plants in New Zealand, Nepal, and South Africa help?

- a) malaria
- b) digestive problems

6. What does the bacterium in the coal mine do?

- a) filters out harmful UV rays
- b) inhibits growth of more dangerous bacteria

7. What animal rarely gets sick although it lives in a dangerous environment?

- a) the alligator
- b) the rat

8. What is *biopiracy*?

- a) using technology to find beneficial compounds in living organisms
- b) taking advantage of indigenous people by using the information they provide to take what's valuable to them