

Plant Adaptation and Bushfires Questions

1. During a bushfire, the ash from burnt wood provides nutrient-rich soil which helps seeds to germinate.

- a. True
- b. False

2. Some Australian orchids only flower after a fire.

- a. True
- b. False

3. What is germination?

4. What word describes the process of change that happens over time to help a plant or animal survive in its environment.

5. What is a Xanthorrhoea?

6. Complete the following sentences:

- a. Some Australian plants need _____ to germinate their seeds.
- b. Some Australian plants have developed a thick layer of _____ to protect them from bushfires.
- c. Some Australian plants grow very _____ to keep the important parts of the tree away from the flames of bushfires.
- d. Some Australian plants regrow from roots, bulbs or _____ that are protected underground.
- e. Some Australian plants flower best after a _____.

Plant Adaptation and Bushfires Questions

7. Write down three new words that you have learnt from this text and explain their meaning.

- a. _____
- b. _____
- c. _____

8. If you could change your body to better adapt to your environment, what would you change?

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4. What is germination?

5. What word describes the process of change that occurs over time to help a plant or animal survive in its environment?

6. Explain how each of the following adaptations have occurred in Australian plants in order to survive bushfires:

a. Adaptation 1: Germination.

b. Adaptation 2: Bark.

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c. Adaptation 3: Height.

d. Adaptation 4: Regrowth.

e. Adaptation 5: Flowers.

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b. _____

c. _____

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9. Imagine being in a rainforest, look around you at the different types of plants. Can you think of ways in which rainforest plants have adapted to their environment?

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2. What is germination?

3. How does the ash from the fire help with germination?

4. Explain the meaning of Sclerophyll.

5. What word describes the process of change that occurs over time to help a plant or animal survive in its environment?

6. Explain five ways in which Australian plants have adapted to survive bushfires.

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8. If you could change your body to better adapt to your environment, what would you change?

9. Imagine being in a rainforest, look around you at the different types of plants. Can you think of ways in which rainforest plants have adapted to their environment?

10. In the box below, draw one of the adaptations described in the text.