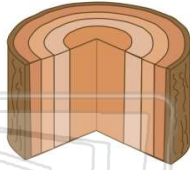




Name _____ Class _____ Date _____

1 Which **woody plant structure** possesses **vascular tissue** and **lenticels**?

- A root
- B seed
- C stem
- D flower



2 Plants produce substances that **regulate their growth patterns**. These substances are known as

- A pigments
- B auxins
- C tropisms
- D neurotransmitters



3 From **which part of the seed** will the leaves and upper portions of the stem of a plant develop?

- A hypocotyl



4 A tree produces only **seedless oranges**. A small branch cut from this tree produces roots after it is planted in soil. **When mature, this new tree will most likely produce**

- A oranges with seeds, only



5



PREVIEW

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7

- C vacuole
- D cell wall



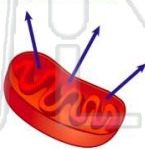
- B simple sugars
- C amino acids
- D minerals



9

The diagram below represents a **cell organelle** involved in the **transfer of energy** from organic compounds. **The arrows in the diagram could represent the release of**

- A ATP from a chloroplast carrying out photosynthesis
- B oxygen from a mitochondrion carrying out photosynthesis
- C glucose from a chloroplast carrying out respiration
- D carbon dioxide from a mitochondrion carrying out respiration



10

When **habitats** are destroyed, there are usually **fewer niches** for animals and plants. This action would most likely **not** lead to a change in the amount of

- A biodiversity
- B competition
- C interaction between species
- D solar radiation reaching the area

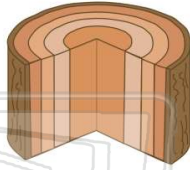




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D

PREVIEW

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7

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C

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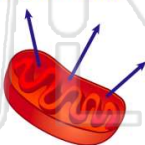


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