

**1.2 Assessment**

Match each term on the left with the best description on the right. Each description may be used only once.

Term	Description
1. ___ clone	A. identical copy of a cell
2. ___ spore	B. series of events that make up the life cycle of a cell
3. ___ budding	C. structure released by a sporangium during asexual reproduction
4. ___ cell cycle	D. type of asexual reproduction where a bud forms from the parent
5. ___ binary fission	E. type of asexual reproduction where plants grow from parts of its roots, stems, or leaves
6. ___ vegetative propagation	F. type of asexual reproduction where the parent cell splits into two identical daughter cells

Circle the letter of the best answer for questions 7 to 23.

7. In which of the following methods of reproduction are the parent cells genetically identical to the daughter cells?

I	budding
II	binary fission
III	spore formation

- A. I and II only
- B. I and III only
- C. II and III only
- D. I, II, and III
8. What do budding, binary fission, and spore formation have in common?
- A. They require two parent cells.
- B. They require only one parent cell.
- C. They produce only one daughter cell.
- D. They are all forms of sexual reproduction.
9. Which of the following methods do bacteria that cause tooth decay use to reproduce?
- A. budding
- B. binary fission
- C. spore formation
- D. vegetative propagation