

16. Daffodil and tulip bulbs are planted in the fall. In the spring, these flowers grow from the bulbs. This is an example of
- A. budding.
  - B. binary fission.
  - C. spore formation.
  - D. vegetative propagation.
17. How are potato tubers and strawberry runners similar?
- A. They are not clones of the parent plant.
  - B. They are like stems that produce new plants.
  - C. They are used by plants to reproduce sexually.
  - D. They are like leaves that develop the roots of the new plant.
18. Which of the following techniques takes a section of the root and joins it to another plant?
- A. cutting
  - B. grafting
  - C. splitting
  - D. air layering
19. The cell cycle consists of which of the following?
- |     |             |
|-----|-------------|
| I   | mitosis     |
| II  | interphase  |
| III | cytokinesis |
- A. I and II only
  - B. I and III only
  - C. II and III only
  - D. I, II, and III
20. During which phase of mitosis do the chromosomes line up in the middle of the cell?
- A. telophase
  - B. anaphase
  - C. prophase
  - D. metaphase