

1) Which of the following are advantages of asexual reproduction?

Choose all that apply:

- A. Only one parent is needed.
- B. The population can increase rapidly when the conditions are favourable.
- C. Genetic diversity is maximized.
- D. No energy is devoted to finding a mate.

2) All living things are able to reproduce.

- A. True
- B. False

3) What is the name of the form of reproduction where part of an organism is broken off and then grows into a genetically identical copy of the parent organism?

Choose all that apply:

- A. Sexual reproduction
- B. Binary fission
- C. Vegetative propagation
- D. Spore formation
- E. Fragmentation

4) When one bacterium causes a person to become ill, the bacteria multiplied through

- A. Asexual reproduction
- B. Sexual reproduction

5) What is the most important advantage of sexual reproduction?

- A. Multiple individuals are required for reproduction
- B. One individual can reproduce and form a large population
- C. High genetic diversity
- D. Low genetic diversity



Key:

1. B, A, D

2. B

3. C, E

4. A

5. C