

1. What does Tim mean when he says bacteria are the most abundant form of life on earth?

- They're the smallest form of life on earth
- They're the most commonplace form of life on earth
- They're the most diverse form of life on earth
- They're the most specialized form of life on earth

2. What do all bacteria have in common?

- They all have cell nuclei.
- They're all multi-cellular organisms.
- They're all single-celled organisms.
- They can all be found inside the human body.

3. How did bacteria make complex life on Earth possible?

- By releasing oxygen into the atmosphere
- By destroying life-inhibiting volcanoes
- By evolving rapidly into multi-celled organisms
- All of the above

4. What might happen if you didn't have bacteria in your digestive tract?

- Your intestines would shut down
- Your body couldn't break down certain types of food
- You would never get sick
- You wouldn't be able to eat vegetables

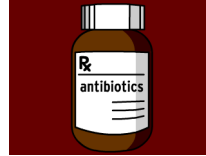
5. Nitrogen-fixing bacteria help plants thrive. What do nitrogen-fixing bacteria do?

- Absorb harmful nitrogen from the bodies of plants
- Absorb nitrogen in the soil before it harms plants
- Convert nitrogen in the soil into a form that plants can absorb
- Transform nitrogen into carbon dioxide

6. Which of the following is a true statement about bacteria?

- Bacteria exist in only a few environments on earth
- Bacteria can grow to extremely large sizes
- Most bacteria are harmful to humans
- Bacteria can be both harmful and helpful to humans

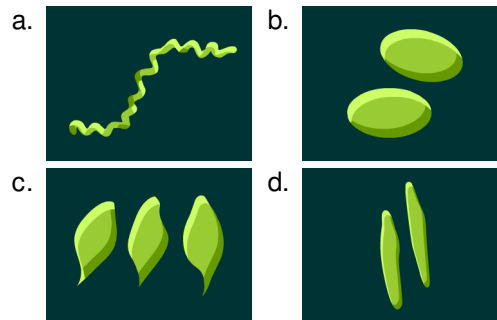
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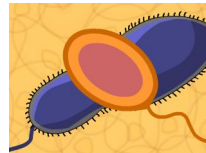
What effect do antibiotics have on bacteria?

- They help bacteria grow in size
- They prevent bacteria from digesting food
- They destroy bacteria
- They help bacteria reproduce

8. Which of the following depicts one of the most common forms of bacteria?



9.



What term best describes the function of flagella in bacteria?

- Locomotion
- Digestion
- Absorption
- Reproduction

10. How are bacterial cells different from plant and animal cells?

- Bacterial cells contain many more cell organelles.
- Bacterial cells contain almost no cell organelles.
- Bacterial cells have more complex cell organelles.
- Bacterial cells have well-defined nuclei.