

1. What are the two general ways bacteria produce disease?

1. By breaking down the cells for food
2. By releasing toxins

2. How can bacterial diseases can be prevented (before infection)?

- a) With an antibiotic **b)** With a vaccine

3. How can bacterial diseases can be cured from patient if already infected?

- a)** With an antibiotic b) With a vaccine

4. Give three methods used to control bacterial growth.

1. Sterilization
2. Disinfectants
3. Food storage or processing

5. True or false?

a) Antibiotics can cure a patient with a viral illness if antibiotic is given once the patient is infected with the virus. False

b) Most vaccines can cure a patient with a viral illness if vaccinated once the patient is infected with the virus. False

6. Complete the sentences and answer the associated questions:

a) Viroid is a viruslike particles that cause disease in plants.

b) Prion is a viruslike particles that cause disease in animals.

c) Which one of these only contain protein (no DNA or RNA) and induce normal protein molecules in host to become like them? Prion

d) Which one of these are single-stranded RNA molecules and have no surrounding capsids? Viroid

7. Indicate if the disease is bacterial or viral.

a) AIDS **Viral** b) Tuberculosis **Bacterial**

c) Strep throat **Bacterial** d) Common cold **Viral**

e) Salmonella **Bacterial** e) Some cancers **Viral**