19-2 Section QUIZ





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19-2 Viruses (p478-483)





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- Viruses that contain RNA as their genetic information are known as
 - a. prions.
 - b. oncoviruses.
 - c. retroviruses.
 - d. bacteriophage.



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The first type of virus to be studied was the

- a. bacteriophage.
- b. tobacco mosaic virus.
- c. influenza virus.
- d. AIDS virus.



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- Which of the following statements about viruses is true?
 - a. Viruses appear similar to bacteria when studied with a light microscope.
 - b. Viruses display the essential characteristics of living things.
 - c. Viruses can reproduce independently if they contain DNA.
 - d. Viruses cannot reproduce unless they infect a living cell.

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- A virus integrates its DNA into the DNA of the host cell but remains inactive for a while in
 - a. a lytic infection.
 - b. a lysogenic infection.
 - c. neither a lytic nor a lysogenic infection.
 - d. retroviral infection.



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- Retroviruses are considered unique because
 - a. they have RNA in their capsid and not DNA.
 - b. they have DNA in their capsid and not RNA.
 - c. after infection of a host cell, their RNA makes DNA.
 - d. after infection of a host cell, their DNA makes RNA.



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