**CHAPTER 19 READING GUIDE**

**-VIRUSES**-

***Section 1 and 2***

1. What is a virus?

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1. What does the capsid do?

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1. Explain the difference between the lytic and the lysogenic cycle of viruses?

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1. What does a restriction enzyme do?

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1. What is a temperate phage?

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1. What is a retrovirus? Give an example.

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1. Describe what happens in reverse transcriptase?

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***Section 3***

1. What is a vaccine?

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1. Explain the difference between an epidemic and a pandemic.

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1. What is a viroid? What do they typically infect?

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1. What is a prion? Give an example.

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