Biology 2201 Viruses

1. What are the names of the two parts of a virus?

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1. What are the two different types of genetic material that may be found in a virus?

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1. Why are viruses not considered alive according to the biological definition of alive?

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1. What are the three steps involved in your body fighting off an infection?

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1. What are the two virus life cycles called?

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1. Which virus lifecycle involves the host cell dying quickly?

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1. Which virus lifecycle involves viruses that contain DNA?

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1. Which virus lifecycle involves the host cell not dying quickly?

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1. Which virus lifecycle involves viruses that contain RNA?

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1. Which virus lifecycle includes a dormant phase?

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1. Which virus lifecycle uses the chemical called reverse transcriptase?

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1. What do retroviruses use reverse transcriptase to do?

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1. What type of creature does a bacteriophage virus infect?

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1. Name one disease caused by a retrovirus.

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1. Cold sores are caused by the herpes virus. Why are antibiotics no use as a treatment for this illness?

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1. Name one disease caused by a lytic virus.

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1. List three differences between lytic viruses and retroviruses.

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