

Name _____ Date _____

Instructions: Read each question carefully and choose the best answer.

1. The influenza virus is **contagious**. That means _____.
 - Ⓐ it fights other infections in the body
 - Ⓑ it is invisible
 - Ⓒ it can be spread from one organism to another
 - Ⓓ it is an essential nutrient found in the cells of all living things
2. The purpose of the book is to _____.
 - Ⓐ make you stay indoors all winter
 - Ⓑ give you information about the flu
 - Ⓒ persuade you to wash your hands often
 - Ⓓ teach you about viruses
3. What happens after a virus invades a human cell?
 - Ⓐ It makes copies of itself.
 - Ⓑ It makes a person cough.
 - Ⓒ It dies.
 - Ⓓ It causes the body to resist infection.
4. Viruses can **mutate**. **Mutate** means _____.
 - Ⓐ to change
 - Ⓑ to go from place to place
 - Ⓒ to infect large populations
 - Ⓓ to disappear
5. What is the main difference between an epidemic and a pandemic?
 - Ⓐ the location of the first case
 - Ⓑ the time of year when they start
 - Ⓒ the symptoms
 - Ⓓ the number of people affected
6. What effect does the production of antibodies have on the flu virus?
 - Ⓐ The flu reproduces more quickly.
 - Ⓑ Cells containing the virus are destroyed.
 - Ⓒ The flu virus mutates into a stronger virus.
 - Ⓓ White cells collect the infected cells.

Quick Check continued on following page

Name _____ Date _____

7. Which outbreak can be classified as Type A Influenza?
 - Ⓐ Both animals and humans in twenty countries suffer severe illness and many deaths.
 - Ⓑ Coughing, sneezing, and fever spread among students living in a dormitory.
 - Ⓒ Elementary-school students and their family members suffer mild flu symptoms.
 - Ⓓ Patients and staff of a community hospital suffer from flu symptoms.
8. Influenza attacks the _____.
 - Ⓐ nervous system
 - Ⓑ digestive system
 - Ⓒ respiratory tract
 - Ⓓ heart
9. To prevent the spread of influenza, _____.
 - Ⓐ people should avoid sharing cups, forks, and spoons
 - Ⓑ people should cover their mouths and noses when they cough or sneeze
 - Ⓒ people with the flu should stay home and away from other people
 - Ⓓ all of the above
10. To treat the flu, you should _____.
 - Ⓐ drink lots of fluids
 - Ⓑ get plenty of rest
 - Ⓒ eat healthy foods
 - Ⓓ all of the above
11. **Extended Response:** Why do scientists have to create a new flu vaccine every year?
12. **Extended Response:** How does a vaccine help prevent a person from getting influenza?

Quick Check Answer Sheet**InFLUenza**

Main Comprehension Skill: Main Idea and Details

1. Ⓒ *Vocabulary*
2. Ⓑ *Author's Purpose*
3. Ⓐ *Sequence Events*
4. Ⓐ *Vocabulary*
5. Ⓓ *Compare and Contrast*
6. Ⓑ *Cause and Effect*
7. Ⓐ *Make Inferences / Draw Conclusions*
8. Ⓒ *Main Idea and Details*
9. Ⓓ *Cause and Effect*
10. Ⓓ *Main Idea and Details*
11. Answers will vary but should include the concept that the virus mutates into new strains, and each year's vaccine must include different strains of the virus.
12. Answers should include the concept that a vaccine trains a person's immune system to recognize and fight specific strains of the influenza virus.