

1. Review all the previous study guides.
1. When and what was the “Spanish flu”? How many people died? What was the influenza strain?
2. What is the definition of morbidity and mortality?
3. What is the endemic flu mortality rate?
4. When did the 1918 Spanish flu peak?
5. How did the Spanish flu alter history?
6. What did the age distributed mortality curve look like for the 1918 pandemic?
7. Why is the current pandemic of such concern? What does the age distributed mortality curve look like? What is the morbidity and mortality rate?
8. What are the characteristics of a virus?
9. What is the size range for viruses? How does this compare to bacteria? This might make a good metric conversion question.
10. Know examples of DNA and RNA viruses.
11. What is the “Avian flu” strain?
12. What distinguishes one influenza strain from another?
13. How many H and N genes are there? How many infect humans?
14. How would you classify the genome of influenza?
15. What are the steps in the viral life cycle?
16. Identify the structural components of a virus.
17. What steps should be taken to prevent the spread of H1N1?
18. What treatments are possible for H1N1?
19. What factors may be responsible for the seasonality of influenza?