

Virology Live Fall 2021
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Study Questions for session 12 – Infection Basics

These questions are intended to summarize key points from this session and prepare you for the exams.

1. What is an *inapparent* infection? What is an example?
2. How are the parameters of incidence, morbidity rate, mortality rate, case fatality rate, infection fatality rate, R_0 , and k used to describe viral infections in populations?
3. Name five routes of viral entry into the body.
4. Can viruses replicate in the skin? Why or why not?
5. Describe how a virus enters a mucosal surface and reaches the blood.
6. What is viremia? What does it do and why is it a problem?
7. How do virus particles spread in a host?
8. How do viruses invade tissues from the bloodstream?
9. How are viruses transmitted among hosts? Is shedding always necessary for transmission?
10. Describe how geography might control where a virus infection might occur.