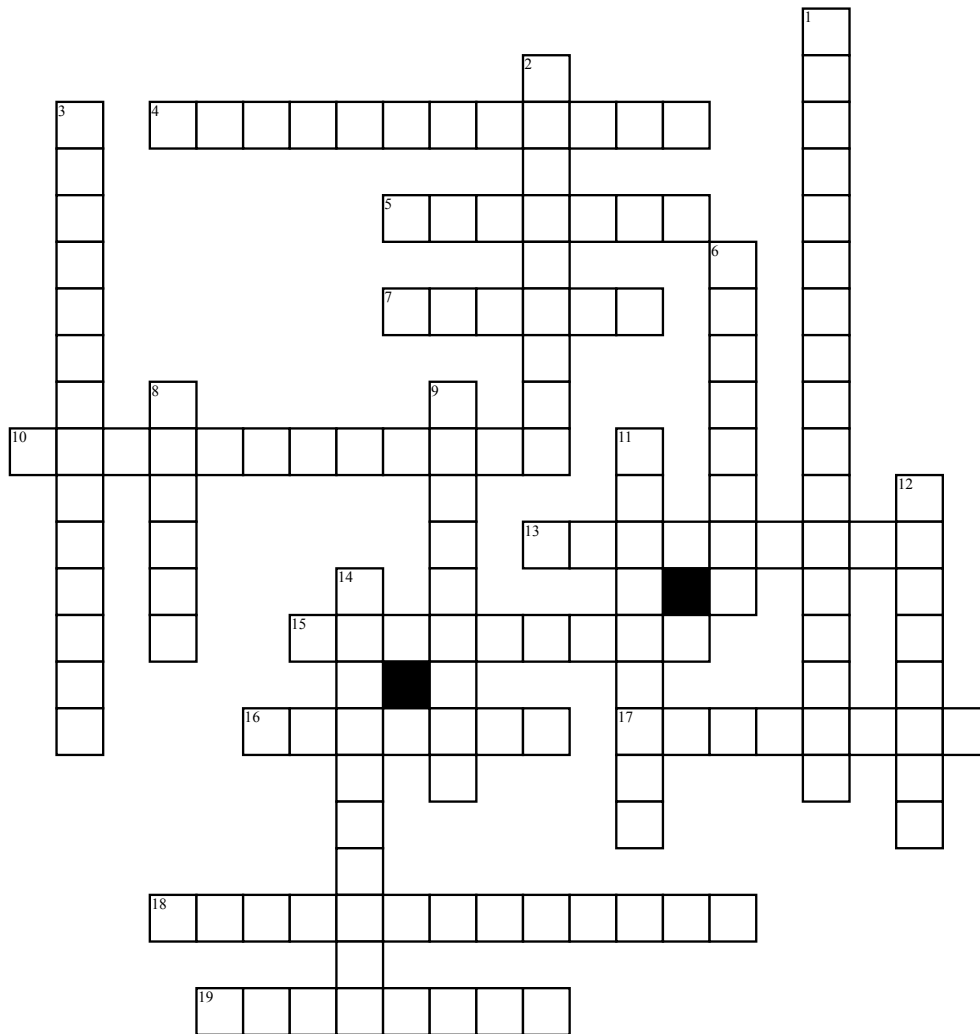


Name: _____

Basic Concepts of Infectious Diseases



Across

- 4. The ability of an organism to rapidly spread through tissues.
- 5. Recognized by their signs and symptoms.
- 7. A living carrier of an infectious organism.
- 10. Ability of microbes to stay affixed to a body surface and replicate
- 13. A measure of how many patients have died from a disease.
- 15. Habitat in which an infectious agent normally lives, grows, and multiplies, maybe human, animal or environment.

- 16. Means of pathogen transmission; fomite, food, water, or air.
 - 17. Ability of a pathogen to enter and live in host cells.
 - 18. Ability of an organism to cause disease.
 - 19. Binding between specific molecules on host and pathogen.
- ## Down
- 1. Disease caused by microorganisms that can be transferred from one host to another.
 - 2. Occurs when pathogens or parasites enter and begins to grow on a host.
 - 3. How many microbes required to cause disease symptoms in half of an environmental group of hosts.

- 6. Pathological consequences that develop after an infectious disease has resolved.
- 8. Inanimate objects on which pathogens can be passed from one host to another.
- 9. Measure of degree or severity of disease.
- 11. The existence of a disease state and the rate of incidence of the disease.
- 12. Collection of signs and symptoms that occur together and signify a particular disease.
- 14. Number of bacteria or virus particles required to kill 50% of an environmental group of animal hosts.

Word Bank

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|-----------------|---------------|-------------|--------------------|----------|
| Invasiveness | Infection | Virulence | Infectious disease | Vehicle |
| Reservoir | Pathogenicity | Syndrome | Morbidity | Fomite |
| Colonization | Vector | Lethal dose | Mortality | Invasion |
| Infectious dose | Adhesion | Disease | Sequelae | |