MCB 1000 Applied Microbiology
Chapter 6 Study Questions

1. Define

capsid	nucleocapsid
envelope	capsomers
bacteriophages	temperate phage
prophage	lysogeny
endocytosis	exocytosis
cytopathic effects (CPE)	cell/tissue culture
prions	virion
viroid	

2. List and briefly describe the parts of a virus particle.

3. Describe how viruses are classified and named.

4. List and briefly describe the five steps in viral replication.

5. Describe the replication cycle of bacteriophages.

6. Describe the replication cycle of animal viruses.

7. Describe viral damage to the host cell and persistent infections caused by viruses.

8. List and briefly describe techniques used in cultivating and identifying animal viruses.

9. Describe the medical importance of prions and viroids.

10. Briefly describe how animal viruses are detected and treated.