MCB 1000 Applied Microbiology
Chapter 11 Study Questions

1. Define

sterile	bactericide
fungicide	viricide
sporicide	bacteriostatic
germicidal	disinfectant
sepsis	asepsis
antisepsis	antiseptic
sanitization	sanitizer
thermal death time	pasteurization
cavitation	degermation

2. List six factors that affect microbial death rate.

3. List and briefly describe four modes of action for antimicrobial agents.

4. List and briefly discuss the practical concerns in microbial control.

5. List, briefly describe and tell applications for the following physical methods of microbial growth control.

dry heat	moist heat
cold	desiccation
radiation	sound waves
filtration	lyophilization

6. Briefly discuss factors involved in choosing a microbicidal chemical.

7. List factors that affect the germicidal activity of chemicals.

8. List, briefly describe and tell applications for the following chemical methods of microbial growth control. Provide examples in each category.

halogens	phenol
chlorhexidine	alcohol
hydrogen peroxide	detergents
heavy metals	aldehydes
gases	dyes
acids and alkalies	