

**Please note that the format of the objectives for the 4<sup>th</sup> Unit are different.** There are no definitions but lots of information that you have to learn. Don't wait till the last minute to study. Study before the presentation of each chapter and after. Essay questions will be taken from the major categories. Compare and Contrast questions are my favorite here. (ex. Compare and Contrast the diseases caused by Shigella and Salmonella)

At the completion of chapter 22 the student will know in detail:

The specifics of the major causes of gastroenteritis:

Shigella

Salmonella (Typhoid fever and general Salmonellosis)

*Vibrio cholera*

*E. coli* (especially strain 0157H7)

(Causative agents, modes of transmission, disease progression, treatment and prevention; particular note should be made of toxins and their effects)

The specific differences between types of food borne illness (intoxication, infection)

Specific minor agents:

S. mutans

Viral diseases: Mumps, Norwalk, Rotavirus

Protozoan causative agents in detail (life cycle, modes of transmission, types of disease, treatment and prevention)

Amebiasis

Giardiasis

Helminthic agents in detail (life cycle, modes of transmission, types of disease, treatment and prevention)

Pin worm

Trichinosis

Hookworm

Tapeworm

Viral hepatitis agents: be able to compare and contrast in detail the Hepatitis viruses A, B, C, D, E