Review Sheet

**Exercise XII: The Effects of Antiseptics and Disinfectants**

Define antimicrobial agent.

What are classified as antimicrobial agents?

Define antiseptic.

Define disinfectant.

What method is used to show the effectiveness of antiseptics and disinfectants on bacteria?

What is the zone of inhibition?

How is the zone of inhibition measured?

**Exercise XIII: Antibiotic Sensitivity and Susceptibility: Modified Kirby-Bauer Method**

Define antibiotic.

What method is used to show the effectiveness of antibiotics on bacteria?

What does the zone of inhibition depend on?

Define broad-spectrum antibiotic.

Define narrow-spectrum antibiotic.

Define selective toxicity.
Exercise XIV: Flora of the Skin

What creates a hostile environment of the skin for pathogens?

What provides nutrients for the microorganisms on the surface of the skin?

What provides passages for microorganisms to reach deep body tissues?

What bacteria are favored by the conditions of the skin?

What are the two groups of microorganisms that are normal flora of the skin?

What is the genus of the majority of yeast found on the skin?

What are the genera of the main bacteria found on the skin?

What microorganisms are associated with skin defects and disease such as acne and dandruff?

What bacteria prevent the colonization of the skin by pathogens?

What do about a third of the population carry on their skin and has become a potentially dangerous skin pathogen in nosocomial infections?

Exercise XV: Flora of the Nose and Throat

What are the important pathogens of the upper respiratory tract?

What normal flora do the nasal passages, throat and skin have in common?

What are the normal flora of the nasal passages and throat?
What are the pathogenic bacteria of the nasal passages and throat?

What are the pathogenic organisms of the nasal passages and throat that were major causes of deaths from bacterial infections prior to the use of antibiotics?

What are the two most frequently encountered pathogens of the nasal passages and throat?

What microorganism is carried by 90% of hospital personnel?

What makes *Staphylococcus* extremely dangerous?