Why do we study bacteria?

1. List several diseases caused by bacteria and indicate the role played by toxins.

2. Regarding the human immune system:
   - describe the role of macrophages in combatting bacterial infection
   - describe the role of lymphocytes in combatting bacterial infection
   - name the places in the body where lymphoid tissues are found

3. Distinguish between the terms antigen, antibody, and antibiotic; indicate the role each each plays in combatting bacterial infections.

4. Describe several ways in which bacteria are useful (or even essential) to human life.