

**77821  
MICROBIOLOGIST 1**

**EXAMINATION METHOD:** The examination consists solely of a multiple choice written test. To be eligible for employment consideration an applicant must attain a passing score, 70 or greater, on the test. An applicant's standing or rank on an eligible list is based on this score.

**TEST SUMMARY:** The written test consists of 87 multiple choice questions organized into seven test sections. The test sections have been designed to assess the knowledge, skills, and abilities required to effectively perform the job. The seven test sections are:

**Drawing Conclusions from Tabular Data** - Questions assess an applicant's ability to select appropriate statements which either describe microbiological data, or require a knowledge of microbiology to interpret the data found in charts, graphs, or tables. (15 questions)

**Basic Math** - Questions assess an applicant's ability to solve problems involving dilutions, proportions, ratios, and conversions. (19 questions)

**Basic Chemistry** - Questions assess an applicant's ability to solve chemical problems. (10 questions)

**Laboratory Procedures**- Questions assess an applicant's ability to solve problems which require comprehension of laboratory procedure with some emphasis in laboratory safety. (13 questions)

**Bacteriology** - Questions assess an applicant's ability to solve problems which require a knowledge of the basic principles of bacteriology in a laboratory. (10 questions)

**Immunology** - Questions assess an applicant's ability to solve problems about procedures in Immunology. (10 questions)

**Virology** - Questions assess an applicant's ability to solve problems about procedures in Virology. (10 questions)