

**77842**  
**BIOLOGIST 2**

**EXAMINATION METHOD:** The examination consists of two parts: a computer administered test scored on a pass/fail basis and a rating of the applicant's education and experience. To be eligible for employment consideration, applicants must pass both parts of the examination. An applicant's standing or rank on an eligible list is based only on the education and experience rating.

**TEST SUMMARY:** The computer administered test consists of 115 multiple choice questions organized into five test sections. The test sections have been designed to assess the knowledge, skills, and abilities required to effectively perform the job. The five test sections are:

**Aquatic Biology** - This test section assesses the knowledge and abilities related to aquatic biology that are necessary to perform the field survey and sample collection processes of a field evaluation, as well as various laboratory procedures. (50 questions)

**Terrestrial Ecology and Wetlands** - This test section assesses the knowledge and abilities related to terrestrial ecology and wetlands necessary to perform the field survey and sample collection process of a field evaluation. (20 questions)

**Mathematics/Statistics** - This test section assesses the knowledge and abilities necessary to perform the analysis and interpretation of data from biological sample tests. (15 questions)

**Laboratory/Field Applications** - This test section assesses the knowledge and abilities necessary to develop and interpret maps, determine appropriate sample testing procedures, identify laboratory instruments and equipment, and navigate water bodies. (20 questions)

**Report Editing** - This test section assesses the ability to revise sentences in paragraphs. (10 questions)