



ACS USNCO
U.S. National Chemistry Olympiad

2021 U.S. NATIONAL CHEMISTRY OLYMPIAD NATIONAL EXAM PART I

Prepared by the American Chemical Society Chemistry Olympiad Examinations Task Force

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The 2021 National Examination was modified so it could be conducted digitally. The following describes this exam as given this year. Part III was removed from the examination, and time limits remained the same for Part I and Part II. This file was published for record keeping purposes after the examination was complete.

The periodic table and other useful information, as shown on page 2 of this document, were included for student reference on both Part I and Part II.

National Exam Nominee agreement forms, which required students to certify that they are either U.S. citizens or permanent residents, were collected prior to the administration of Part I.

For Part I and Part II, students were permitted to use only non-programmable calculators. The use of a programmable calculator, or accessing information outside of the standard reference document, was grounds for disqualification.

Part I of this test was administered through the ACS Learning Center and consisted of 60 multiple-choice questions. Answers were entered using this system and only submitted answers were considered (i.e., no scratch paper was accepted). This test was held for the majority of students on Saturday, April 17, 2021. The time limit was **one hour and thirty minutes**.

Part II was administered solely to the top 200 performing students on Part I. A similar document, describing the variations in exam administration and formatted similarly to previous years, will be published separately. The time limit for this part of the exam, which included 8 questions, remained at **one hour and forty-five minutes**.

Invitation to take Part II did NOT signify that a student earned the honors or high honors recognitions. As always, these consider performance on the full examination.

National Standardized Chemistry Exam

J Ma

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