

2025



## AP Chemistry

### Free-Response Questions

### Section II

Section II of the AP Chemistry test is hybrid digital. The FRQ questions will be displayed digitally, but you will answer the questions in a booklet provided for the exam. The booklet will be numbered with spaces that correspond to the digital questions.

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Section II FRQ test has three 10-point free-response questions and four 4-point free-response questions with a total time limit of 105 minutes. These 46 points are normalized with the Multiple Choice to account for 50% of the overall score

This WebAssign FRQ is a hybrid digital assignment with one long form FRQ questions (10 points).

Print pages 2-4 of this document and place them in your binder in AP11. This will simulate the answer booklet you will be using during the actual exam.

Get a pen\*, your calculator, and a countdown timer.

For this test, set your countdown timer for 22 minutes to simulate the time you should allot for a long form questions. Unlike the actual exam, you may continue to finish the test if you run past the time limit.

Open your binder to the test booklet response pages and then go through the WebAssign digital questions that match the questions on your answer sheets.

When you have completed each FRQ question part on WebAssign you can expand the question to see an explanation and also answer the associated WebAssign questions.

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\* A pen is preferred over pencils for the FRQ since the FRQ test booklet will be scanned, and the scanned pages will be graded by readers. Pencil responses are often faint when scanned and make it difficult for the readers to grade.

AP<sup>®</sup> CHEMISTRY FREE-RESPONSE QUESTIONS

Use a pencil or a pen with black or dark blue ink. Do NOT write your name. Do NOT write outside the box

**QUESTION 1**

**Part A**

**Part B**

**Question 1 is continued on the next page.**

Use a pencil or a pen with black or dark blue ink. Do NOT write your name. Do NOT write outside the box

**QUESTION 1**

**Part C**

**Part D**

**Question 1 is continued on the next page.**

Use a pencil or a pen with black or dark blue ink. Do NOT write your name. Do NOT write outside the box

**QUESTION 1**

**Part E i**



**Part E ii**