

# SUMMIT EDUCATIONAL GROUP AP Exam Guide

**Exam Overview** 

**Score Distributions** 

Schedule

**Exam Descriptions** 



## AP EXAM OVERVIEW

### THE GROWING IMPORTANCE OF AP IN THE COLLEGE ADMISSIONS PROCESS

Historically, AP exams have served as tools for high school students to earn college-level credit. Although they were not originally intended to play a role in college admissions, AP exams are increasingly becoming an important factor in the college admissions process. With College Board's recent decision to eliminate Subject Tests, many students have turned to APs as a way to demonstrate mastery in specific content areas.

As more students receive As and Bs due to accelerating grade inflation, APs offer another opportunity to stand out in an increasingly crowded field of college applicants. Given the relatively small number of students who are able to achieve 4s and 5s on some exams (see the chart on page 61 for more details on AP grade distribution), APs can be considered "grade-inflation proof." These factors help explain the dramatic rise in popularity of AP exams in recent years. In 2021, students across the U.S. and around the world combined to take more than 4.5 million AP exams, a 32% increase over 2011.\*

### **AP STUDENT SCORE DISTRIBUTIONS**

The chart on page 61 provides the percentage breakdown of students who achieved scaled scores of 1, 2, 3, 4, or 5 on each AP exam. As the chart shows, it can be extremely difficult to earn a 5 on some exams. For example, on the English Language and Composition exam, one of the most popular APs, less than 10% of all students scored a 5. Since AP classes represent college-intro level courses, solid preparation and planning are necessary to do well on AP exams.

### WHAT ARE AP EXAMS?

Typically, AP exams consist of two sections. The first section is comprised primarily of Multiple-Choice questions, and the second section is comprised of Free-Response questions that require students to write answers to prompts. Free-Response questions are hand scored by a panel of College Board trained content experts.

AP exams are scored on a 5-point scale, with scores of 3 or above indicating that a student is qualified in that particular subject. To view the list of colleges that provide course credit for AP (and their cutoff scaled score requirements), visit College Board's AP Credit Policy search page: https://apstudents.collegeboard.org/ getting-credit-placement/search-policies/course/36.

| SCORE | RECOMMENDATION           | COLLEGE GRADE<br>EQUIVALENT |
|-------|--------------------------|-----------------------------|
| 5     | Extremely well qualified | A+ or A                     |
| 4     | Very well qualified      | A-, B+, or B                |
| 3     | Qualified                | B-, C+, or C                |
| 2     | Possibly qualified       |                             |
| 1     | No recommendation        |                             |

Source: College Board AP Score Scale Table

### **ADVICE FOR STUDENTS TAKING ADVANCED PLACEMENT EXAMS**

In general, students' Advanced Placement classes in school will provide adequate preparation for the AP exams. However, in situations where students are looking for a competitive edge or require additional support, Summit does offer AP tutoring with trained AP content experts.

Given the importance of a student's AP scaled score in earning college credit and demonstrating content mastery, Summit recommends that students take full-length practice AP exams prior to testing in May.

### PRACTICE AP EXAMS

Summit offers convenient in-person and online AP exam practice testing options - including personalized feedback from trained experts on Free-Responses - throughout AP testing season from late winter through April. It is always advisable for students to take their initial AP practice exams early in the season — February or March are best — to allow for enough time to focus on areas in need of improvement prior to the May testing schedule.

As of this writing, Summit offers multiple practice AP testing with Free-Response scoring in the following subjects:

• AP Biology

AP Chemistry

- AP Calculus AB AP Calculus BC
- AP Physics C -
- Magnetism
- AP English Language and Composition
- AP English Literature and Composition
- AP European History
- AP Human Geography

- AP Physics C -Mechanics
- Electricity and
- AP Statistics
- AP U.S. Government and Politics
- AP U.S. History
- AP World History Modern

## **AP STUDENT SCORE DISTRIBUTIONS**

| AP TEST                                | 2021 PERCENT OF STUDENTS ACHIEVING EACH SCORE |                              |      |             |      |      |      |      |              |           |      |      |
|--|---|------------------------------|------|-------------|------|------|------|------|--------------|-----------|------|------|
|  | TOTAL   | 1                            |      | 2           |      | 3    |      | 4    |              |           | 5    |      |
| Art and Design: 2-D                    | 34,509  | 0.4 12.5                     |      | 42          | .3   |      |      |      | 34.7         |           | _    | 10.2 |
| Art and Design: 3-D                    | 4,573   | 3.7                          | 24.9 |             |      | 36.3 |      |      | 28           | .6        |      | 6.5  |
| Art and Design: Drawing                | 18,096  | 1.4 12.4                     |      | 34.3        |      |      |      | 37.7 |              |           | 14.  |      |
| Art History                            | 20,633  | 14.1                         |      | 30.1        |      |      | 23.8 | 57.7 | 19.6         | 5         |      | 2.0  |
| Biology                                | 230,527                                       | 10.1                         |      | 30.0        |      |      | 32.4 | _    | 15.0         | ,<br>19.4 |      | 7.4  |
| Calculus AB                            | 251,639                                       | 23.                          | 7    |             | 25.3 | _    | 19.3 |      | 14.1         |           | 17.6 |      |
| Calculus BC                            | 124,599                                       | 6.6                          | 18.2 |             | 0.4  | 16.5 |      | 38.3 |              |           |      |      |
| Calculus BC Calculus AB Subscore       | 124,607                                       |                              | 3.0  | 16.0        |      | 17.7 | 10.5 | 46.7 |              |           |      |      |
| Chemistry                              | 135,997                                       | 23.                          |      | _           | 24.7 |      | 23.  | 7    |              | 6.4       | 1    | 11.2 |
| Chinese Language (Total Group)         | 13,122  | 7.1 4.6                      | 15.5 |             | 5.5  |      | 23.  |      | 7.2          | 0         |      | 1    |
| Chinese Language (Standard Group)*     | 3,394   | 20.4                         | 10.0 | 13.3        | 5.5  | 32.6 |      | Ĩ    | 15.0         |           | 18.8 |      |
| Computer Science A                     | 74,676  | 20.4                         | 2    | 12.1        |      | 19.3 |      | 21.9 | 13.0         | 2         | 3.9  |      |
| Computer Science A                     | 116,466                                       | 13.6                         |      | 12.1<br>9.9 |      | 32.5 |      | 21.9 | 21.7         | 2         |      | 2.4  |
| Economics – Macro                      | 124,436                                       | 15.0                         | 32.9 |             | 15.7 |      | 13.7 |      | 21.7<br>19.6 |           | 18.0 |      |
| Economics – Macro<br>Economics – Micro | 80,199  | 23.                          |      | 17.0        | 15./ | 16.6 | 13./ | 24.  |              |           | 18.0 |      |
|  |   |                              | 9    |             |      | 16.6 | 25.0 | 24.  |              |           | 18.5 | 0.1  |
| English Language                       | 518,548<br>321,029                            | 12.9<br>18.8                 |      | 29.3        | 27.2 |      | 25.8 | 26   | 22           |           | 12.0 | 9.1  |
| English Literature                     |   |                              |      |             | 37.3 | _    | 40.5 | 26.  |              |           | 12.0 | 4.9  |
| Environmental Science                  | 160,771                                       | 22.1                         |      |             | 27.6 |      | 18.5 |      |              | 24.9      |      | 7.0  |
| European History                       | 84,237  | 12.9                         | 32.5 | _           |      | 24.7 |      |      | 19.4         |           | 10   | 0.6  |
| French Language (Total Group)          | 18,408  | 6.5                          | 22.2 |             |      | 35.4 | ļ    |      |              | 23.3      |      | 12.6 |
| French Language (Standard Group)*      | 14,234  | 6.7                          | 24   |             |      | 38.8 |      |      | 21.8         |           | 8.4  |      |
| German Language (Total Group)          | 4,315   | 11.4                         |      | 23.5        |      |      | 27.6 |      |              | 19.5      |      | 18.0 |
| German Language (Standard Group)*      | 3,049   | 13.5                         | 29.3 | _           |      | 2.6  |      |      | 7.8          |           | 6.9  |      |
| Government & Politics – Comparative    | 19,292  | 13.3                         | 14.9 |             |      | 30.7 |      |      | 4.5          |           | 16.6 |      |
| Government & Politics – U.S.           | 283,353                                       | 23.                          |      |             | 25.8 |      |      | 26.9 |              | 11.6      |      | 2.0  |
| Human Geography                        | 211,735                                       |                              | 32.4 |             | 15.1 |      | 18.3 |      | 19.7         |           | 14.  | 4    |
| Italian Language (Total Group)         | 2,102   | 9.0                          | 18.6 | _           | 29   |      |      | 22.6 |              |           | 20.6 |      |
| Italian Language (Standard Group)*     | 1,567   | 9.6                          | 21.6 |             |      | 33.5 | _    |      | 23.6         |           | 1    | 1.6  |
| Japanese Language (Total Group)        | 2,204   | 17.7                         | 7.9  | 17          | .6   | 9.2  |      |      | 47.5         |           |      |      |
| Japanese Language (Standard Group)     | * 1,019                                       |                              | 31.9 |             | 14.6 | _    | 27.  | 5    | 9.(          |           | 16.4 |      |
| Latin                                  | 4,889   | 17.9                         |      | 25.3        |      |      | 29.9 | _    |              | 16.9      |      | 10.0 |
| Music Theory                           | 16,271  | 15.6                         |      | 23.2        |      | 23.2 | 2    |      | 8.1          |           | 19.9 |      |
| Music Theory Aural Subscore            | 16,268  | 15.6                         |      | 22.9        | _    | 23.6 | 5    | 1.   | 7.8          |           | 20.1 |      |
| Music Theory Nonaural Subscore         | 16,268  | 15.4                         |      | 23.6        |      | 23.3 | 3    | 1    | 8.2          |           | 19.5 |      |
| Physics 1                              | 137,229                                       |                              | 31.4 |             |      | 26.4 |      | 18.9 |              | 16.3      |      | 6.9  |
| Physics 2                              | 18,736  | 7.6                          | 27.0 |             |      | 32.0 |      |      | 17.9         |           | 15.4 | 4    |
| Physics C – Electricity & Magnetism    | 20,471  | 12.5                         | 18.0 |             | 13.8 |      | 23.1 |      |              | 32.6      |      |      |
| Physics C – Mechanics                  | 48,803  | 11.6                         | 14.9 |             | 21.3 |      | 2    | 8.6  |              | 2         | 3.5  |      |
| Psychology                             | 288,511                                       |                              | 31.5 |             | 15.2 |      | 18.0 |      | 21.2         |           | 14   | .1   |
| Research                               | 24,021  | 4.3 14.2                     | 2    |             | 42.4 |      |      |      | 25.4         |           | 13   | .7   |
| Seminar                                | 53,076  | 4.3 10.7                     |      |             | 54   | .5   |      |      | 19           | .5        |      | 11.1 |
| Spanish Language (Total Group)         | 148,486                                       | 3.5 <b>16</b> . <sup>1</sup> | 5    |             | 33.0 |      |      | 29.7 |              |           | 17.3 |      |
| Spanish Language (Standard Group)*     | 50,916  | 3.9 1                        | 9.0  |             | 36.3 | 3    |      |      | 27.9         |           | 12   | 2.9  |
| Spanish Literature                     | 21,796  | 9.6                          | 25.  | .5          |      | 3    | 36.3 |      |              | 20.8      |      | 7.8  |
| Statistics                             | 184,111                                       | 24                           | .9   | 17.         | 2    | 2    | 21.8 |      | 15.9         |           | 10.1 |      |
| U.S. History                           | 454,204                                       |                              | 31.2 |             | 21.  | 6    |      | 21.2 |              | 15.9      |      | 10.1 |
| World History: Modern                  | 302,232                                       | 19.0                         |      | 28.         | 9    |      | 24.0 | )    |              | 18.5      |      | 9.7  |
|  |   |                              |      |             |      |      |      |      |              |           |      |      |

\*The Standard Group represents students who receive most of their foreign language training in U.S. schools. These students did not indicate that they regularly speak or hear the tested language or that they have lived for one month or more in a country where the language is spoken

TESTS

A P

\*Source: AP Data Archive

## AP EXAM SCHEDULE

AP exams are administered over two weeks in May. All are administered as paper-and-pencil tests, with the exception of the AP Chinese and AP Japanese exams, which are administered in school on computers.

|                           | 2023 AP EXAM SCHEDULE                                  |  |  |  |
|---------------------------|--|--|--|--|
| WEEK 1                    | MORNING 8 A.M.<br>(Local Time)                         | AFTERNOON 12 NOON<br>(Local Time)                          |  |  |
| MONDAY,<br>MAY 1, 2023    | United States Government and Politics                  | Chemistry     Spanish Literature and Culture               |  |  |
| TUESDAY,<br>MAY 2, 2023   | Chinese Language and Culture     Environmental Science | Psychology   |  |  |
| WEDNESDAY,<br>MAY 3, 2023 | English Language and Composition                       | Comparative Government and Politics     Computer Science A |  |  |
| THURSDAY<br>MAY 4, 2023   | • Human Geography<br>• Macroeconomics                  | • Seminar<br>• Statistics                                  |  |  |
| FRIDAY                    | • European History<br>• United States History          | Art History     Microeconomics                             |  |  |
|                           | Art and Design Edder March 2000 (On a ET) is the       | de allie a fan AD Antanal Daaine alleitel e antfalle a     |  |  |

Art and Design: Friday, May 5, 2023 (8 p.m. ET), is the deadline for AP Art and Design digital portfolios to be submitted to the AP Program

| WEEK 2                     | MORNING 8 A.M.<br>(Local Time)  | AFTERNOON 12 NOON<br>(Local Time)                            | AFTERNOON 2 P.M.<br>(Local Time)        |
|----------------------------|---|--|---|
| MONDAY<br>MAY 8, 2023      | • Calculus AB<br>• Calculus BC  | Computer Science Principles     Italian Language and Culture |   |
| TUESDAY<br>MAY 9, 2023     | <ul> <li>English Language<br/>and Composition</li> <li>Japanese Language<br/>and Culture</li> </ul> | Physics C: Mechanics   | Physics C: Electricity<br>and Magnetism |
| WEDNESDAY,<br>MAY 10, 2023 | Spanish Language     and Culture  | • Biology  |   |
| THURSDAY<br>MAY 11, 2023   | French Language and Culture     World History: Modern   | Physics 1: Algebra-Based                                     |   |
| FRIDAY<br>MAY 12, 2023     | German Language and Culture     Music Theory  | • Latin<br>• Physics 2: Algebra-Based                        |   |

### LATE TESTING

Late testing using an alternate form of the AP exam is allowed under only special circumstances and may require an additional fee. Makeup dates are typically scheduled over a three-day window approximately one week after the last regular AP testing day. Contact your school's AP Coordinator for additional information on late testing.

## **AP EXAM DESCRIPTIONS**

| AP ART HISTORY   |   |   |
|--|---|---|
| TIMING   | FORMAT  | CONTENT   |
| <ul> <li>3 hours</li> <li>Multiple-choice section<br/>(1 hour)</li> <li>Free-response section<br/>(2 hours)</li> </ul> | Section I<br>• 80 multiple-choice questions<br>Section II<br>• 2 long essay questions<br>(35 minutes for first, 25 minutes for second)<br>• 4 short essay questions (15 minutes each) | Section I consists of multiple-choice questions that assess students'<br>ability to identify works, artists, and cultures from 250 works of art,<br>apply art historical skills to make deductions about unfamiliar works<br>of art, and demonstrate critical analysis skills while applying an<br>understanding of art historical concepts.<br>Section II essay questions ask students to demonstrate<br>understanding of complex issues, discuss multiple aspects of<br>artworks, and analyze relationships among works of art. All<br>free-response questions include either images of works of art or<br>a list of works. |

| AP BIOLOGY  |  |  |  |  |
|---|--|--|--|--|
| TIMING  | FORMAT   |  |  |  |
| <ul> <li>3 hours</li> <li>Multiple-choice section<br/>(1 hour, 30 minutes)</li> <li>Free-response section<br/>(1 hour, 30 minutes)</li> </ul> | Section I<br>• 60 multiple-choice questions<br>Section II<br>• 2 long free-response questions<br>• 4 short free-response questions |  |  |  |

| AP | CALCULUS |  |
|----|----------|--|
|    |          |  |

| TIMING  | FORMAT  |
|---|---|
| TIMING<br>3 hours, 15 minutes<br>• Multiple-choice section<br>(1 hour, 45 minutes)<br>• Free-response section<br>(1 hour, 30 minutes) | Section I<br>• Part A – 30 multiple-choice questions<br>(60 minutes)<br>• Part B – 15 multiple-choice questions<br>(45 minutes)<br>Section II |
|   | <ul> <li>Part A – 2 free-response questions<br/>(30 minutes)</li> <li>Part B – 4 free-response questions<br/>(60 minutes)</li> </ul>          |

| AP CHEMISTRY  |  |
|---|--|
| TIMING  | FORMAT   |
| <ul> <li>3 hours, 15 minutes</li> <li>Multiple-choice section<br/>(1 hour, 30 minutes)</li> <li>Free-response section<br/>(1 hour, 45 minutes)</li> </ul> | Section I<br>• 60 multiple-choice questions<br>Section II<br>• 3 long free-response questions<br>• 4 short free-response questions |



### CONTENT

Section I consists of multiple-choice questions that represent knowledge and science practices.

 $\ensuremath{\textbf{Section}}\xspace$  II consists of questions focusing on interpretation and evaluation of experimental results, scientific investigation, conceptual analysis, analysis of a model or visual representation, and analysis of data.

### CONTENT

Section I consists of multiple-choice questions designed for broad coverage of AP Calculus. Section I, Part A, does not permit use of a graphing calculator. Section I, Part B, permits use of a graphing calculator.

Section II consists of free-response questions that provide students with an opportunity to demonstrate their knowledge of correct mathematical reasoning and thinking. Students are required to articulate the reasoning and methods that support their answers. Some questions will ask students to justify an answer or discuss whether a theorem can be applied. Section II, Part A, permits use of a graphing calculator. Section II, Part B, does not permit use of a graphing calculator.

Both sections (on BC exam only) also test equations and functions that use parameters, polar coordinates, vectors, infinite sequences, and series.

### CONTENT

Section I consists of multiple-choice questions, either as discrete questions or question sets, that represent the AP Chemistry knowledge and science practices.

Section II consists of free-response questions that pertain to experimental design, analysis of authentic lab data and observations to identify patterns or explain phenomena, creating or analyzing atomic and molecular views to explain observations, articulating and translating between representations, and following a logical/analytical pathway to solve a problem. Students will be allowed to use a scientific calculator on the free-response section.

### **AP COMPARATIVE GOVERNMENT & POLITICS**

| TIMING  | FORMAT   | CONTENT  |
|---|--|--|
| <ul> <li>2 hours, 30 minutes</li> <li>Multiple-choice section<br/>(1 hour)</li> <li>Free-response section<br/>(1 hour, 30 minutes)</li> </ul> | Section I<br>• 55 multiple-choice questions<br>Section II<br>• 4 free-response questions | Section I consists of multiple-choice questions covering quantitative<br>analysis and text-based analysis.<br>Section II consists of free-response questions covering conceptual<br>analysis, quantitative analysis, comparative analysis, and an argument<br>essay. |

### **AP COMPUTER SCIENCE A**

| TIMING  | FORMAT   | CONTENT  |
|---|--|--|
| <ul> <li>3 hours</li> <li>Multiple-choice section<br/>(1 hour, 30 minutes)</li> <li>Free-response section<br/>(1 hour, 30 minutes)</li> </ul> | Section I<br>• 40 multiple-choice questions<br>Section II<br>• 4 free-response questions | Both sections require students to demonstrate their ability to solve problems, including their ability to design, write, and analyze programs and subprograms. All responses involving code must be written in Java.<br>Questions cover content in primitive types, using objects, Boolean expressions, iteration, writing classes, array, inheritance, and recursion. |

### AP COMPUTER SCIENCE PRINCIPLES

| TIMING   | FORMAT   | CONTENT   |
|--|--|---|
| <ul> <li>14 hours</li> <li>End-of-Course Exam<br/>(2 hours)</li> <li>Create Performance Task<br/>(12 hours)</li> </ul> | Exam<br>• 70 multiple-choice questions (62<br>single-select and 8 multiple-select)<br>Performance Task<br>• Create computer program<br>(12+ hours) | <b>Exam questions</b> cover creativity, abstraction, data and information, algorithms, programming, the internet, and global impact.<br>In the <b>Create Performance Task</b> , students will develop a program on a topic that interests them or solves a problem, including at least 12 hours of in-class time to complete. |

### **AP ECONOMICS**

| TIMING  | FORMAT  | CONTENT   |
|---|---|---|
| <ul> <li>2 hours, 10 minutes</li> <li>Multiple-choice section<br/>(1 hour, 10 minutes)</li> <li>Free-response section<br/>(1 hour, beginning with a<br/>10-minute reading period)<br/>(1 hour, 10 minutes)</li> </ul> | Section I<br>• 60 multiple-choice questions<br>Section II<br>• 1 long free-response essay<br>• 2 short free-response essays | The <b>AP Microeconomics questions</b> cover content in basic economic concepts, the nature and functions of product markets, factor markets and market failure and the role of government.<br>The <b>AP Macroeconomics questions</b> cover content in basic economic concepts, economic performance, income and price determination, the financial sector, stabilization policies, growth, and the open economy.<br>A four-function calculator is allowed on both sections of the exam (beginning 2022–2023 school year and Spring 2023 exam). |

### **AP ENGLISH LANGUAGE & COMPOSITION**

| TIMING   | FORMAT   | CONTENT  |
|--|--|--|
| <ul> <li>3 hours, 15 minutes</li> <li>Multiple-choice section (1 hour)</li> <li>Free-response section (2 hours, 15 minutes)</li> </ul> | Section I<br>• 45 multiple-choice questions<br>Section II<br>• 3 essay prompts | <ul> <li>Section I consists of five sets of multiple-choice questions covering reading and writing skills.</li> <li>Section II consists of three essay prompts that require students to address an issue by synthesizing texts, analyzing rhetoric, or composing an argument supported by evidence and reasoning from observations and experiences.</li> </ul> |

### **AP ENGLISH LITERATURE & COMPOSITION**

| TIMING                                      | FORMAT  |
|---|---|
| <b>3 hours</b><br>• Multiple-choice section | <ul> <li>Section I</li> <li>55 multiple-choice guestions</li> </ul> |
| (1 hour)                                    | Section II  |
| Free-response section     (2 hours)         | 3 essay prompts   |

### **AP ENVIRONMENTAL SCIENCE**

| TIMING  | FORMAT   |
|---|--|
| <ul> <li>2 hours, 40 minutes</li> <li>Multiple-choice section<br/>(1 hour, 30 minutes)</li> <li>Free-response section<br/>(1 hour, 10 minutes)</li> </ul> | Section I<br>• 80 multiple-choice questions<br>Section II<br>• 3 free-response questions |

### **AP EUROPEAN HISTORY**

| TIMING  | FORMAT   |
|---|--|
| <ul><li>3 hours, 15 minutes</li><li>Multiple-choice and<br/>short-answer section</li></ul>        | Section I<br>• Part A – 55 multiple-choice question<br>(55 minutes)  |
| <ul><li>(1 hour, 35 minutes)</li><li>Free-response section</li><li>(1 hour, 40 minutes)</li></ul> | <ul> <li>Part B – 3 short-answer questions<br/>(40 minutes)</li> <li>Section II</li> </ul>                   |
|   | <ul> <li>Part A – document-based question<br/>(60 minutes, includes 15-minute<br/>reading period)</li> </ul> |
|   | <ul> <li>Part B – 1 long essay question<br/>(40 minutes)</li> </ul>  |
|   |  |

### **AP HUMAN GEOGRAPHY**

| TIMING   | FORMAT  |
|--|---|
| 2 hours, 15 minutes  | Section I   |
| <ul> <li>Multiple-choice section<br/>(1 hour)</li> <li>Free-response section<br/>(1 hour, 15 minutes)</li> </ul> | <ul> <li>60 multiple-choice questions</li> <li>Section II</li> <li>3 free-response questions</li> </ul> |

### AP LANGUAGE (CHINESE, FRENCH, GERMAN, ITALIAN, JAPANESE, OR SPANISH)

| TIMING   | FORMAT   |
|--|--|
| 2 hours, 15 minutes –<br>3 hours<br>• Multiple-choice section<br>(80–95 minutes)<br>• Free-response section<br>(40–85 minutes) | Section I<br>• Multiple-choice questions<br>Section II<br>• Writing and speaking |

**AP TESTS** 

Section I consists of 5 sets of multiple-choice questions that test students' critical reading of selected prose fiction, drama, and poetry passages.

Section II consists of essay prompts that require writing as a direct measure of students' ability to read and interpret literature and to use other forms of discourse effectively.

### CONTENT

Section I consists of multiple-choice questions that cover thought provoking problems based on fundamental ideas from environmental science that require recall of basic facts and major concepts, and that ask students to evaluate sources of information and analyze quantitative data.

Section II consists of free-response questions that require students to demonstrate reasoning and analytical skills and synthesize material from several sources. This section requires students to design an investigation and analyze environmental problems and propose solutions.

### CONTENT

Section I, Part A consists of multiple-choice questions that ask students to respond to a primary or secondary source, such as texts, images, charts, graphs, or maps, reflecting material historians use in studying the past.

Section I, Part B consists of short-answer questions. The first question includes a secondary source and the second includes a primary source, with both questions covering historical developments or processes between the years 1600 and 2001. Students then choose to answer the third or fourth question, which cover the years 1450–1815 and 1815–2001, respectively, and include no sources.

Section II, Part A consists of an essay question that covers the years 1600–2001 and measures students' ability to develop an argument using historical material as evidence.

Section II, Part B consists of a choice among three long essay questions, each addressing a different time period.

### CONTENT

Section I questions range in difficulty from those asking students to recognize the meaning of terms and concepts to those requiring students to apply a model or concept to a new scenario. Many of the questions are based on a table, map, diagram, or photograph. Section II free-response questions assess students' ability to describe, explain, and apply geographic concepts while analyzing patterns, relationships, and outcomes.

### CONTENT

Section I consists of variety of print and audio materials to assess interpretive communication.

Section II, Part A requires students to read and reply to an email message or text chat. Then, students are asked to write a persuasive essay based on multiple sources with different viewpoints on a topic.

Section II, Part B requires students to respond to questions as part of a simulated conversation. Then, students must make a 2-minute presentation in response to a prompt on a cultural topic.

### **AP LATIN**

| TIMING   | FORMAT   | CONTENT  |  |
|--|--|--|--|
| <ul> <li>3 hours</li> <li>Multiple-choice section<br/>(1 hour)</li> <li>Free-response section<br/>(2 hours, including a<br/>15-minute reading period)</li> </ul> | Section I<br>• 50 multiple-choice questions<br>Section II<br>• 5 free response questions (including<br>Translation, Analytical Essay, and<br>Short Answer) | <ul> <li>Section I consists of 50 multiple-choice questions that test reading and comprehension as well as a student's ability to place texts within Roman historical, cultural, and literary contexts.</li> <li>Section II consists of 2 free-response questions focused on translation, 1 analytical essay in which students must perform textual analysis to compare two passages, and 2 short-answer question sets that assess argumentation, contextualization, and reading and comprehension.</li> </ul> |  |

### AP MUSIC THEORY

| TIMING  | FORMAT   | CONTENT  |
|---|--|--|
| <ul> <li>2 hours, 40 minutes</li> <li>Multiple-choice section<br/>(1 hour, 20 minutes)</li> <li>Free-response section<br/>(1 hour, 20 minutes)</li> </ul> | <ul> <li>Section I</li> <li>75 multiple-choice questions<br/>(both aural and non-aural)</li> <li>Section II</li> <li>Part A – 7 written free-response questions</li> <li>Part B – 2 Sight Singing free-response<br/>questions</li> </ul> | <ul> <li>Section I</li> <li>Questions based on aural stimulus test a student's listening skill, and knowledge about theory largely in the context of historical examples.</li> <li>Questions not based on aural stimulus focus on small-scale and large-scale harmonic procedures, musical terms, melodic organization and developmental procedures, rhythmic/metric organization, texture, and formal devices.</li> <li>Section II consists of free-response questions covering melodic and harmonic dictation, part writing from figured bass and Roman numerals, harmonization, and sight-singing.</li> </ul> |

### **AP PHYSICS 1**

| TIMING  | FORMAT   | CONTENT   |
|---|--|---|
| 3 hours<br>• Multiple-choice section<br>(1 hour, 30 minutes)<br>• Free-response section<br>(1 hour, 30 minutes) | Section I<br>• Part A – 45 multiple-choice questions<br>• Part B – 5 multiple-correct questions<br>Section II<br>• 5 free-response questions | <ul> <li>Section I consists of multiple-choice questions, either as discrete questions, questions in sets, or multi-select questions.</li> <li>Section II consists of three types of free-response questions: <ul> <li>1 experimental design question — designing and describing an investigation, analysis of authentic lab data, and observations to identify patterns or explain phenomena</li> <li>1 qualitative/quantitative translation — translating between quantitative and qualitative justification and reasoning</li> </ul> </li> </ul> |

• 3 short-answer questions

### **AP PHYSICS 2**

| TIMING  | FORMAT   | CONTENT   |
|---|--|---|
| <ul> <li>3 hours</li> <li>Multiple-choice section<br/>(1 hour, 30 minutes)</li> <li>Free-response section<br/>(1 hour, 30 minutes)</li> </ul> | Section I<br>• Part A – 45 multiple-choice questions<br>• Part B – 5 multiple-correct questions<br>Section II<br>• 4 free-response questions | <ul> <li>Section I consists of multiple-choice questions, either as discrete questions, questions in sets, or multi-select questions.</li> <li>Section II consists of three types of free-response questions: <ul> <li>1 experimental design question — designing and describing an investigation, analysis of authentic lab data, and observations to identify patterns or explain phenomena.</li> <li>1 qualitative/quantitative translation — translating between quantitative and qualitative justification and reasoning.</li> <li>2 short-answer questions</li> </ul> </li> </ul> |

### **AP PHYSICS C: ELECTRICITY & MAGNETISM**

| TIMING   | FORMAT                                      |
|--|---|
| 1 hour, 30 minutes   | Section I                                   |
| <ul> <li>Multiple-choice section<br/>(45 minutes)</li> </ul> | 35 multiple-choice questions     Section II |
| <ul> <li>Free-response section<br/>(45 minutes)</li> </ul>   | 3 free-response questions                   |

### **AP PHYSICS C: MECHANICS**

| TIMING   | FORMAT   |
|--|--|
| <ul> <li>1 hour, 30 minutes</li> <li>Multiple-choice section<br/>(45 minutes)</li> <li>Free-response section<br/>(45 minutes)</li> </ul> | Section I<br>• 35 multiple-choice questions<br>Section II<br>• 3 free-response questions |

### **AP PSYCHOLOGY**

| TIMING  | FORMAT  |
|---|---|
| <ul> <li>2 hours</li> <li>Multiple-choice section<br/>(1 hour, 10 minutes)</li> <li>Free-response section<br/>(50 minutes)</li> </ul> | Section I<br>• 100 multiple-choice questions<br>Section II<br>• 2 free-response questions |

### **AP STATISTICS**

| TIMING  | FORMAT   |
|---|--|
| 3 hours<br>• Multiple-choice section<br>(1 hour, 30 minutes)<br>• Free response section | Section I<br>• 40 multiple-choice questions<br>Section II<br>• 5 free-response questions |
| (1 hour, 30 minutes)  | <ul> <li>1 investigative task</li> </ul>   |

### **AP UNITED STATES GOVERNMENT & POLITICS**

| TIMING  | FORMAT   |
|---|--|
| <ul> <li>3 hours</li> <li>Multiple-choice section<br/>(1 hour, 20 minutes)</li> <li>Free-response section<br/>(1 hour, 40 minutes)</li> </ul> | Section I<br>• 55 multiple-choice questions<br>Section II<br>• 4 free response questions |
|   |  |

### CONTENT

Section I questions provide students with a stimulus or set of data points and several related discrete or question sets. Questions cover areas of Change, Force Interactions, Fields, and Conservation. Section II assesses students' understanding of all 7 scientific practices including theoretical relationships, argumentation, and data analysis, as well as an experimental/lab-based prompt.

### CONTENT

Section I emphasizes the breadth of the students' knowledge and understanding of the basic principles of physics.

Section II emphasizes the application of physics principles in greater depth in solving more extended problems.

Questions cover directions of vectors or paths of particles, drawing or interpreting diagrams, physical relationships in graphical form, accounting for observed phenomena, interpreting experimental data, conceptual models, predicting future physical behavior, manipulating equations, estimates, or deriving relationships from fundamental physical concepts.

### CONTENT

Section I questions cover content in psychology history and approaches, research methods, biological bases of behavior, sensation and perception, states of consciousness, learning, cognition, motivation and emotion, developmental psychology, personality, testing and individual differences, abnormal behavior, treatment, and social psychology.

Section II has a question that requires students to explain behavior and apply theories in context and a question that requires students to analyze psychological research studies.

### CONTENT

Students are expected to bring a graphing calculator with statistical capabilities.

Section I consists of multiple-choice questions, either as discrete questions or sets of questions based on a shared prompt.

Section II consists of free-response questions that require students to use their analytical, organizational, and communication skills to relate two or more content areas. The Investigative Task assesses multiple skills and areas of content with an emphasis on application in new contexts/non-routine ways.

### CONTENT

Section I consists of questions that require students to compare political concepts; interpret quantitative, text-based, and visual sources; and apply concepts, documents, and Supreme Court decisions in real-world contexts.

Section II requires students to apply concepts in real-world scenarios, analyze quantitative data, compare the decisions of Supreme Court cases, and develop an argument using documents. It is recommended to spend 20 minutes on each of the first three questions and 40 minutes on the final question.

## NOTES

### AP UNITED STATES HISTORY

| TIMING   | FORMAT  | CONTENT  |
|--|---|--|
| <ul> <li>3 hours, 15 minutes</li> <li>Multiple-choice and<br/>short answer section<br/>(1 hour, 35 minutes)</li> <li>Free-response<br/>(1 hour, 40 minutes)</li> </ul> | <ul> <li>Section I</li> <li>Part A – 55 multiple-choice questions (55 minutes)</li> <li>Part B – 3 short answer questions (40 minutes)</li> <li>Section II</li> <li>Part A – 1 document-based question (suggested 60 minutes)</li> <li>Part B – 1 long essay question (suggested 40 minutes)</li> </ul> | <ul> <li>Section I, Part A consists of multiple-choice questions organized into sets of three to four questions. The questions in each set ask students to respond to a primary or secondary source, such as written texts, images, charts, graphs, or maps.</li> <li>Section I, Part B consists of four short-answer questions. Students must answer the first and second questions and then either the third or fourth question. The first question assesses the practice of analyzing secondary sources, while the second question assesses the practice of analyzing primary sources. The third and fourth questions deal with different periods and ask students to respond to general propositions about history.</li> <li>Section II, Part A asks students to develop and support an argument using historical source material as evidence.</li> <li>Section II, Part B consists of three long essay questions about different periods. Students must choose one essay to write and must develop an argument and support it with an analysis of historical evidence.</li> </ul> |

### AP WORLD HISTORY: MODERN

| TIMING   | FORMAT  | CONTENT   |
|--|---|---|
| <ul> <li>3 hours, 15 minutes</li> <li>Multiple-choice and<br/>short-answer section<br/>(1 hour, 35 minutes)</li> <li>Free-response section<br/>(1 hour, 40 minutes)</li> </ul> | <ul> <li>Section I</li> <li>Part A – 55 multiple-choice questions (55 minutes)</li> <li>Part B – 3 short answer questions (40 minutes)</li> <li>Section II</li> <li>Part A – 1 Document Based Question (suggested 60 minutes)</li> <li>Part B – 1 Long Essay question (suggested 40 minutes)</li> </ul> | <ul> <li>Section I, Part A consists of multiple-choice questions organized into sets of three to four questions. The questions in each set ask students to respond to a primary or secondary source, such as written texts, images, charts, graphs, or maps.</li> <li>Section I, Part B consists of four short-answer questions. Students must answer the first and second questions and then either the third or fourth question. The first question assesses the practice of analyzing secondary sources, while the second question assesses the practice of analyzing primary sources. The third and fourth questions deal with different periods and ask students to respond to general propositions about history.</li> <li>Section II, Part B consists of three long essay questions about different periods. Students must choose one essay to write and must develop an argument and support it with an analysis of historical evidence.</li> </ul> |

### AP PRECALCULUS (BEGINNING 2023-2024 SCHOOL YEAR)

| TIMING   | FORMAT  | CONTENT  |
|--|---|--|
| <ul> <li>3 hours</li> <li>Multiple-choice section (2 hours)</li> <li>Free-response section (1 hour)</li> </ul> | Section I<br>• Part A – 36 multiple-choice questions<br>(80 minutes)<br>• Part B – 12 multiple-choice questions<br>(40 minutes)<br>Section II<br>• Part A – 2 free-response questions<br>(30 minutes)<br>• Part B – 2 free-response questions<br>(30 minutes) | Both sections will test students' knowledge and application of<br>different functions: polynomial, rational, exponential, logarithmic,<br>trigonometric, polar, parameters, vectors, and matrices.<br>Section I, Part A questions do not include use of a calculator.<br>Section I, Part B questions require use of a graphing calculator.<br>Section II, Part A questions require use of a graphing calculator.<br>Section II, Part B questions require use of a graphing calculator.<br>Section II, Part B questions do not include use of a calculator. |



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