



Digital AP Exams

Burnaby Mountain

Hybrid vs. Fully Digital

Hybrid Exams:

- Math: Calculus, Statistics
- Science: Bio, Chem, Physics
- Economics

Students complete multiple-choice questions and view free-response questions in Bluebook. They handwrite their free-response answers in paper exam booklets that are returned for scoring.

Fully Digital Exams:

- Computer Science: CSA, CSP
- Human Geo
- Psychology
- English Lit.

Students complete multiple-choice and free-response questions in Bluebook, with all responses automatically submitted at the end of the exam.

Fully Digital Exams: Comp. Sci, Psychology, English

<https://www.youtube.com/watch?v=rUQtgmMRL7s&t=2s>



**Introduction to Digital AP[®] Testing
– Fully Digital AP Exams**

Fully Digital Exams: Summary

<https://www.youtube.com/watch?v=rUQtqmMRL7s&t=2s>

Exam Day Process:

- Students log in to **Bluebook** via College Board account.
- They follow a check-in process guided by the proctor.
- Scratch paper is provided for drafting answers.

Exam Experience Features

Section I: Multiple Choice

1. Directions on the screen's top left; timer and battery indicator navigate on top right.
2. Students can back and forth between questions within the section time limit.
3. Highlights include:
 - Adjustable panel sizes for text and questions.
 - Note-taking, highlighting (three colors), and underlining capabilities.
 - "Mark for review" feature for returning to flagged questions.
4. Ends with an automatic transition to Section II after a 10-minute break.

Section II: Free Response

1. Text editor for entering and formatting responses.
2. Work is auto-saved; responses cannot use cut/copy/paste for passages, but you can copy/paste from other responses.
3. Timer functions the same as in Section I.
4. Students can navigate between questions until time expires.
5. Spelling is not checked, and it will not impact scores.

Section I

Directions ▾



Show



Highlights & Notes More

100% (12)

Questions 1 through 5. Read the following carefully before you choose your answers.

James Monroe Whitfield's poem "The North Star" 1853. It was written for The North Star, a nineteenth antislavery newspaper. The North Star was founded African American abolitionist Frederick Douglass, enslavement in Maryland by fleeing to the North.

The North Star

Star of the North! whose steadfast ray,

Pierces the sable pall of night,

Forever pointing out the way.

That leads to freedom's hallowed light;

Line 5 The fugitive lifts up his eye

To where thy rays illumine the sky.

That steady, calm, unchanging light,

Through dreary, wild, and trackless dells

Star of the North! who



The star is the guiding light in the dark.



1



Mark for Review



Which of the following contrasts is most developed in the first stanza (lines 1-6)? >>

(A) Solitude and society

(B) Sanctity and irreverence

(C) Freedom and conformity

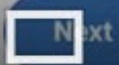
(D) Dark and light



4:36 / 11:42

Exam Experience

Question 1 of 55



James Monroe Whitfield's poem "The North Star" was published in 1853. It was written for The North Star, an antislavery newspaper. The North Star was an African American abolitionist Frederick Douglass's escape from enslavement in Maryland by fleeing to the North.

The North Star

Star of the North! whose steadfast

Pierces the sable pall of night,

Forever pointing out the way

That leads to freedom's hallowed

Line 5 The fugitive lifts up his eye

To where thy rays illumine the sky

Section I: Multiple Choice Questions



Current Unanswered For Review

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55					

Go to Review Page

Avery Jordan

Question 1 of 55 ^

Next

Remaining Break Time:

9:52

Take a Break: Do Not Close Your Device

After the break, a **Resume Testing Now** button will appear and you'll start the next section.

Follow these rules during the break:

1. Do not disturb students who are still testing.
2. Do not exit the app or close your laptop.
3. Do not access phones, smartwatches, textbooks, notes, or the internet.
4. Do not eat or drink in the test room.
5. Do not speak in the test room; outside the test room, do not discuss the exam with anyone.

and transmission, a lengthy conveyor belt on which commercial and cultural wares traveled between the major civilizations of Eurasia. The nomads had an essential but largely unacknowledged role in this cultural traffic. While nomadic empires had as their primary objective the control and exploitation of sedentary subjects, their secondary effect was the creation of numerous opportunities for cross-cultural contact, comparison, and exchange.

Indeed, although nomads are normally included in the analysis of the political context of trans-Eurasian exchange, they are typically left out of the cultural equation. Here the great sedentary civilizations are placed at center stage, particularly when scientific and cultural transfers are under consideration. But, as we have seen, pastoral nomads were the chief initiators, promoters, and agents of this exchange between East and West [in the thirteenth and fourteenth centuries].”

Thomas Allsen, historian, *Culture and Conquest*, 2001

Reprinted with the permission of Cambridge University Press.

passage concerning the nomads' role in cross-regional exchanges before 1450.

Your response will be saved automatically.

B / U x^2 x_2 ↺ ↻ ✂ 📄 📌 Ω ☰

One example of a cross-cultural interaction between nomads and non-nomads was how Mongol control of the Silk Roads helped Islam spread.

Avery Jordan

Question 1 of 4 ^

Next

Hybrid Digital Exams: Sciences, Math, Economics

<https://www.youtube.com/watch?v=IRbAVoRygn0>



**Introduction to Digital AP[®] Testing
– Hybrid Digital AP[®] Exams**

Fully Digital Exams: Summary

<https://www.youtube.com/watch?v=IRbAVoRygn0>

Section I: Multiple Choice

•Features:

- Timer with countdown (can be hidden)
- Navigation between questions.
- Adjustable pane sizes, note-taking, and highlighting tools.
- Calculator use:
 - **Desmos Graphing Calculator** is built into Bluebook for most exams.
 - **AP Statistics** does not allow Desmos.
 - **Calculus:** Calculator only in Part B.
- Reference materials (e.g., periodic table for AP Chemistry) accessible via the Reference menu.

Section II: Free Response

- Prompts and instructions are displayed in Bluebook
- Students write answers in paper booklets
- Specifics:
 - Booklets are subject-specific (e.g., lined pages for AP Biology, grids where appropriate)
 - **Calculus/Precalculus:**
 - Calculators allowed in Part A only. Each part is separately timed.
 - **AP Physics:**
 - Includes version-specific questions.
 - Students must write on the corresponding page for their version.

Section I

Directions ▾



Show



Highlights & Notes



Calculator



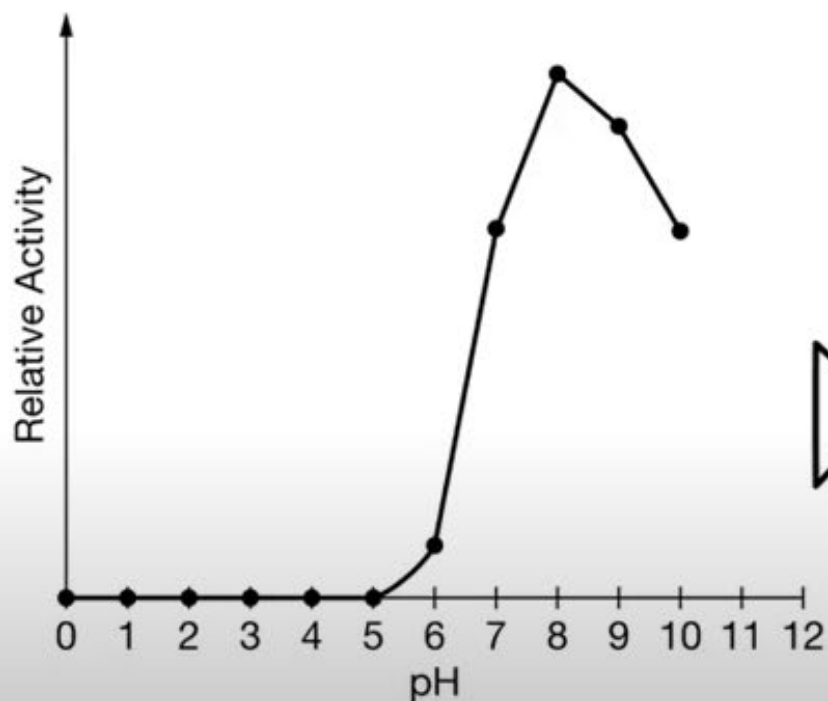
Reference



More

100%

The enzyme trypsin aids in protein digestion in the small intestine. The relative activity of trypsin at different pH values is shown in Figure 1.

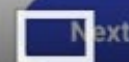
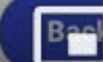


3 Mark for Review



Which of the following statements best explains the activity levels of trypsin shown in Figure 1?

- (A) The small intestine releases inhibitor molecules that block the activity of trypsin unless it is at its optimum pH.
- (B) The number of effective collisions between trypsin and its substrate increase at higher pH values.
- (C) As pH values increase, the substrate concentration decreases, leading to an eventual decline in the rate of the trypsin-catalyzed reaction.
- (D) At extremely low pH values, trypsin is denatured and cannot function efficiently.



Section I

Directions ▾



Show



Highlights & Notes



Calculator

x^2

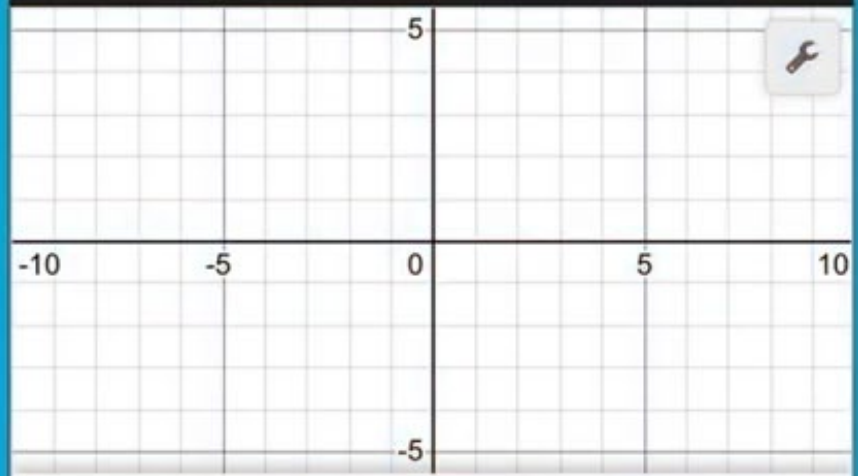
Reference



More

100%

Calculator



1 |

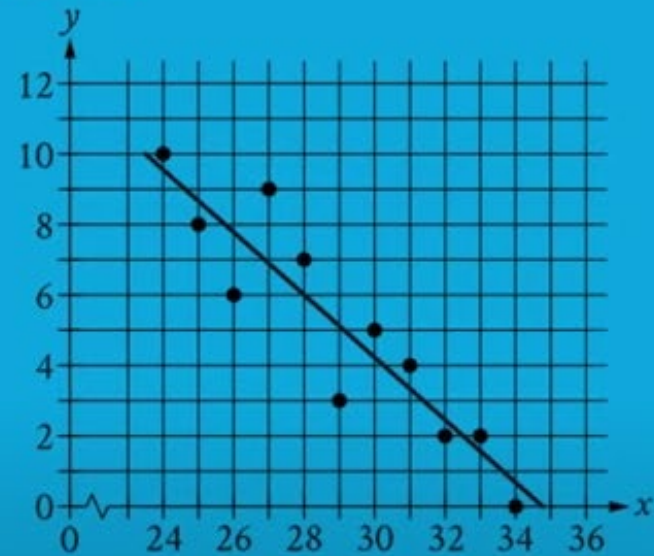
Calculator keypad with buttons for x , y , a^2 , a^b , 7, 8, 9, \div , funcs, (,), <, >, 4, 5, 6, \times , ←, →

4

Mark for Review



The scatterplot shows the relationship between two variables, x and y . A line of best fit for the data is also shown.



At $x = 32$, which of the following is closest to the y -value predicted by the line of best fit?

(A) 0.4

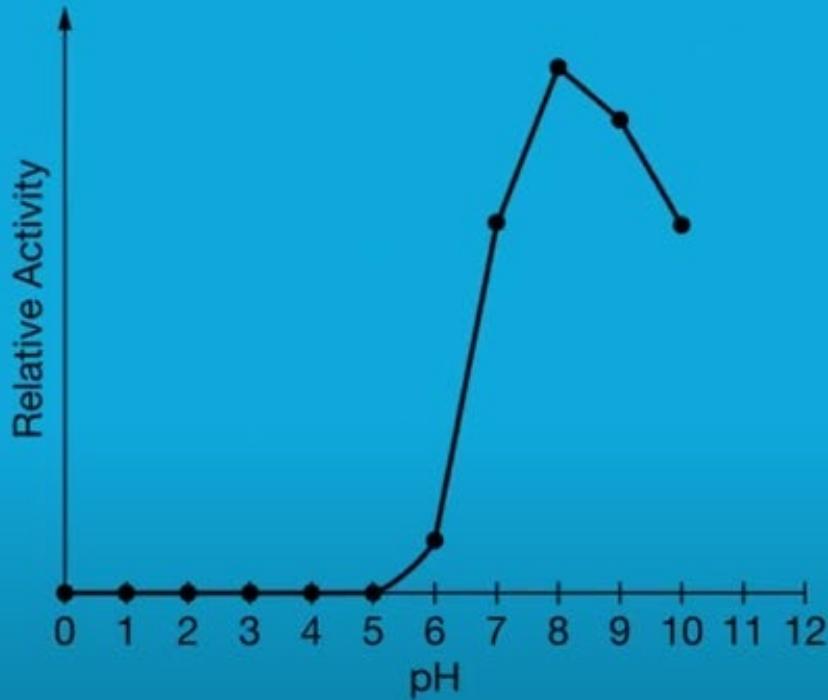


Section I

Directions ▾

Show

The enzyme trypsin aids in protein digestion in the small intestine. The relative activity of trypsin at different pH values is shown in Figure 1.



- 3 Mark for Review
- Which of the following statements about the relative activity of trypsin shown in Figure 1 is correct?
- (A) The small intestine's pH is too low, which blocks the activity of trypsin.
 - (B) The number of trypsin molecules in the small intestine is too low, which limits its substrate interaction.
 - (C) As pH values in the small intestine decrease, leading to a lower trypsin-catalyzed reaction rate.
 - (D) At extremely low pH values, the trypsin enzyme cannot function.

Reference Sheet

Expand All | Collapse All

Statistical Analysis and Probability	+
Rate and Growth	+
Simpson's Diversity Index	+
Surface Area and Volume	+
Water Potential (Ψ)	+
The Solute Potential of a Solution	+

Check Your Work


Look over your work, go back to questions you marked for review, and answer any questions you skipped. Remember: there's no penalty for guessing.

When the timer reaches zero, you'll automatically move on.

Please stay seated and remain quiet.

AP Biology Questions

Unanswered For Review

1	2	3 	4	5	6	7	8	9	10
11	12	13	14	15 <input type="checkbox"/>	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30



Congratulations!

The exam is over. Stop writing now—place your booklet face down.



Do not close your device.

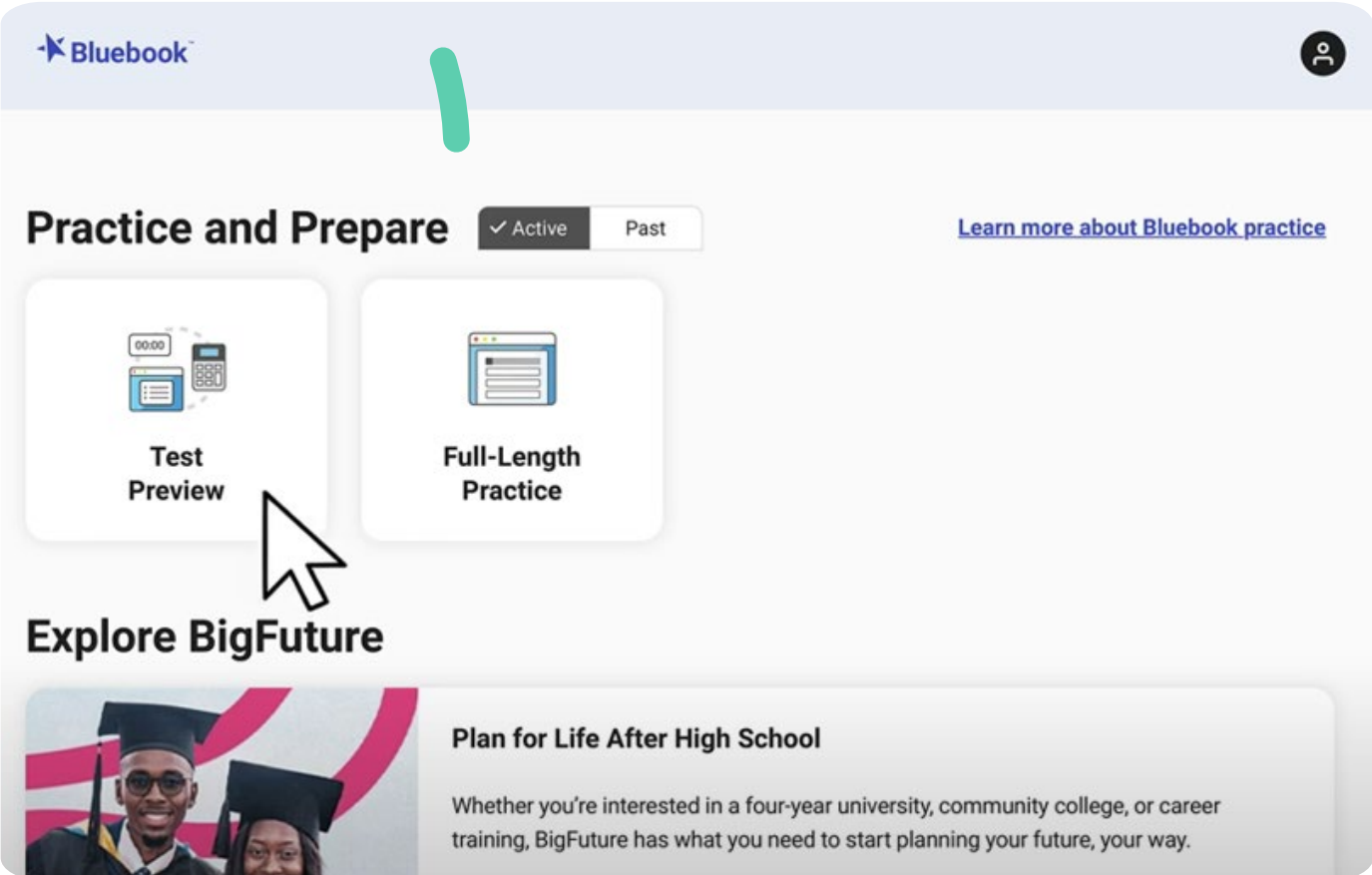
Stay seated. The proctor will collect your exam booklet.

Remain quiet. Other students may still be testing.

How to Practice:

- Download Bluebook AP: <https://bluebook.app.collegeboard.org/>
- Sign in with an AP account (student or educator)
- Click “Test Preview”

A **test preview** is a short set of questions that lets you experience digital testing and try out all the tools. You won't receive scores or any feedback on your answers.

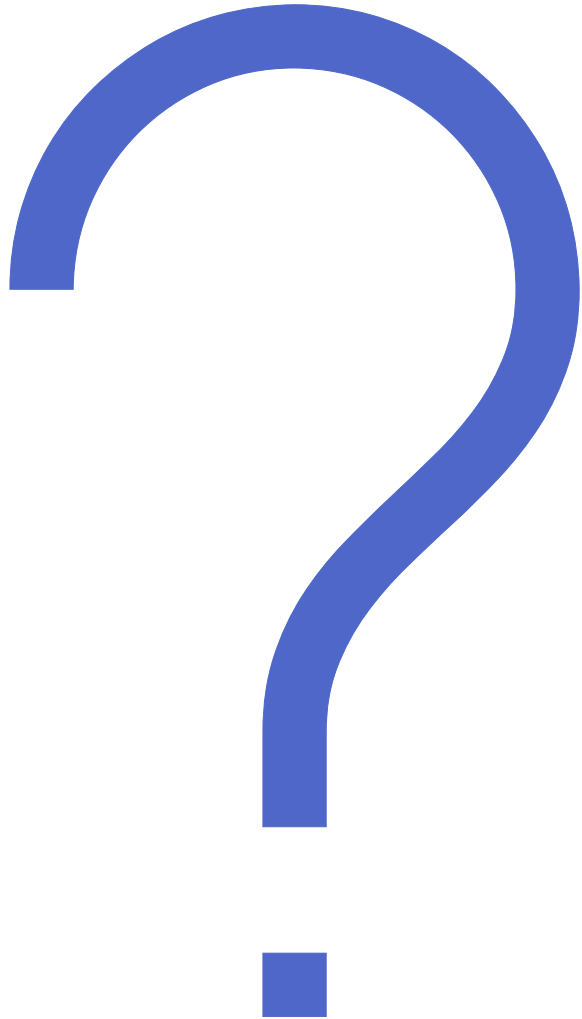


The screenshot displays the Bluebook AP interface. At the top, the Bluebook logo is visible on the left, and a user profile icon is on the right. Below the header, the main section is titled "Practice and Prepare" with a toggle switch set to "Active" (checked) and "Past". To the right of this section is a link: "Learn more about Bluebook practice". There are two main interactive cards: "Test Preview" on the left, which features an icon of a calculator and a document, and "Full-Length Practice" on the right, which features an icon of a document. A mouse cursor is pointing at the "Test Preview" card. Below these cards is a section titled "Explore BigFuture" with a sub-heading "Plan for Life After High School". This section includes a photograph of two graduates and a paragraph of text: "Whether you're interested in a four-year university, community college, or career training, BigFuture has what you need to start planning your future, your way."

Devices:

- We will have the school laptops available for AP exams.
- However, students may use their own laptop **if and only if:**
 1. It is a laptop, not a Chromebook.
 2. Windows only (no Macs).
 3. Students attend an info. Session held in April to get their laptop approved and download the Bluebook app.



A decorative graphic consisting of several teal-colored curved segments arranged in an arc, resembling a dashed line or a stylized smile.

**What are your questions /
concerns?**

Email

Jennifer.reily@burnabyschools.ca

or come to room 307

