

Preview the 2021 Digital AP Exams

 CollegeBoard

AP[®]



Before Exam Day: Download the App

In early April, AP students will be able to download our new digital testing app to their desktop or laptop computers (PC or Mac).

If you're on a school-managed Chromebook, someone from your school will install the app for you.

2021
AP
Exams

Download the Digital Testing App

Download requires Windows 8 or later and 200 MB of available space. Once you've installed the app, login with your username and password.

 [Download for Windows](#)

Already installed? [Open the app](#)

Installation Instructions

Click the download button above, then follow these instructions to install the app on your device.

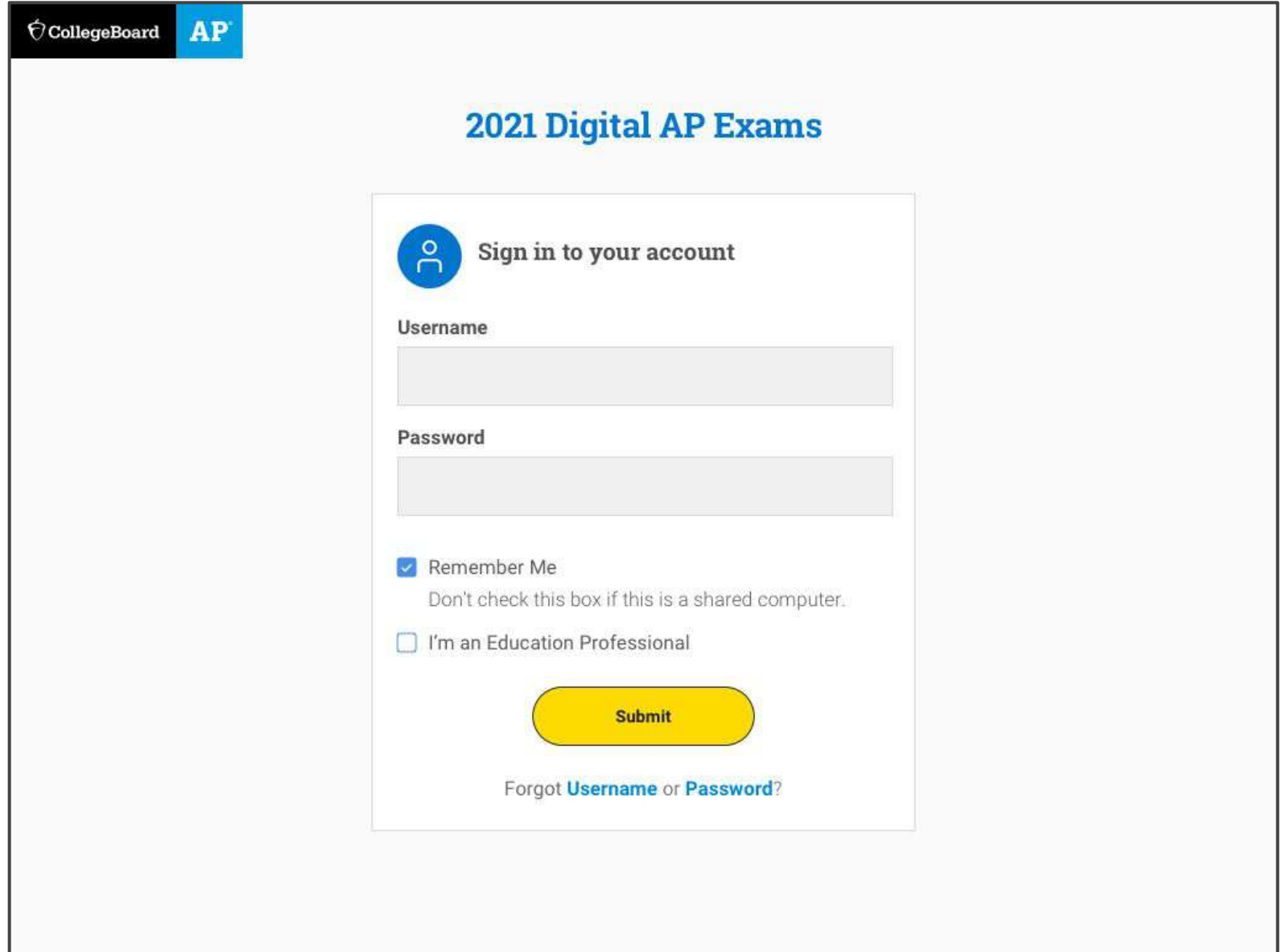
- 1 Find Your Download**
In your Downloads folder, double-click on "cb-digital testing.exe."
- 2 Open the App**
Double-click the Acorn icon to open the app.
- 3 Confirm**
If you see a message asking if you're sure you want to open the app, click "Open."
- 4 Log In**

Before Exam Day: Log In

You'll need your College Board username and password to use the app.

If you check **Remember Me**, you won't need to log in each time you return.

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The screenshot shows the login interface for the 2021 Digital AP Exams. At the top left, there is a black bar with the CollegeBoard logo and a blue bar with 'AP'. The main heading is '2021 Digital AP Exams' in blue. Below this is a sign-in section with a blue user icon and the text 'Sign in to your account'. There are two input fields: 'Username' and 'Password'. Below the password field, there is a checked checkbox for 'Remember Me' with a note 'Don't check this box if this is a shared computer.' and an unchecked checkbox for 'I'm an Education Professional'. A yellow 'Submit' button is at the bottom of the form. Below the button, there is a link: 'Forgot [Username](#) or [Password](#)'.

CollegeBoard AP

2021 Digital AP Exams

 Sign in to your account

Username

Password

☒ Remember Me
Don't check this box if this is a shared computer.

☐ I'm an Education Professional

Submit

Forgot [Username](#) or [Password](#)?

3 Days Before Test Day: Complete Exam Setup

3 days before your test, you'll run through exam setup in the app where you'll confirm some information about yourself and your device.

You must **complete exam setup for every digital AP Exam you take**, and it's critical that you complete this step before test day.

2021
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The screenshot displays the CollegeBoard AP app interface. At the top, the CollegeBoard logo and 'AP' are visible, along with the user's name 'Alexander Adjashvili' and a profile icon. A dark blue sidebar on the left contains 'My Exams' (with a folder icon) and 'Practice' (with a pencil icon). The main content area has tabs for 'Active Exams' and 'Past Exams'. Under 'Active Exams', there is a card for the 'AP Biology Exam'. The card features a laptop icon with 'AP' on the screen. To the right of the icon, the text 'AP Biology Exam' is displayed, followed by 'Status: Ready for Exam Setup'. Below this, the 'Date' is 'May 27, 2021' and the 'Start Time' is '12:00 p.m. ET'. A yellow button labeled 'Start Exam Setup' is positioned to the right of the start time.

AP Biology Exam	Status: Ready for Exam Setup
Date May 27, 2021	Start Time 12:00 p.m. ET
Start Exam Setup	

30 Minutes Before Your Exam: Check In

30 minutes before your exam's start time, you'll launch the app and check in for your exam.

You'll review some privacy policies, type a security statement, and get ready to test.

It's important that you check in on time. **You won't be able to check in once your exam starts.**

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[? Help](#)Testing Begins In: 03:02[Exit](#)

Digital Test Security Statement

Type the test security statement—exactly as it appears in the box on the left—into the box on the right.

Test security statement

I will not give or receive help during this exam. I will not share or post references to this exam during the testing window. If anyone helps me or if I help them, we will both be investigated.

My answers will be entirely my own. Plagiarism software and analyses will be used to review my responses.

If I attempt to cheat, my score will be canceled, and college admissions offices can be notified. I will also be disqualified from taking future AP or SAT exams in high school and CLEP exams in college.

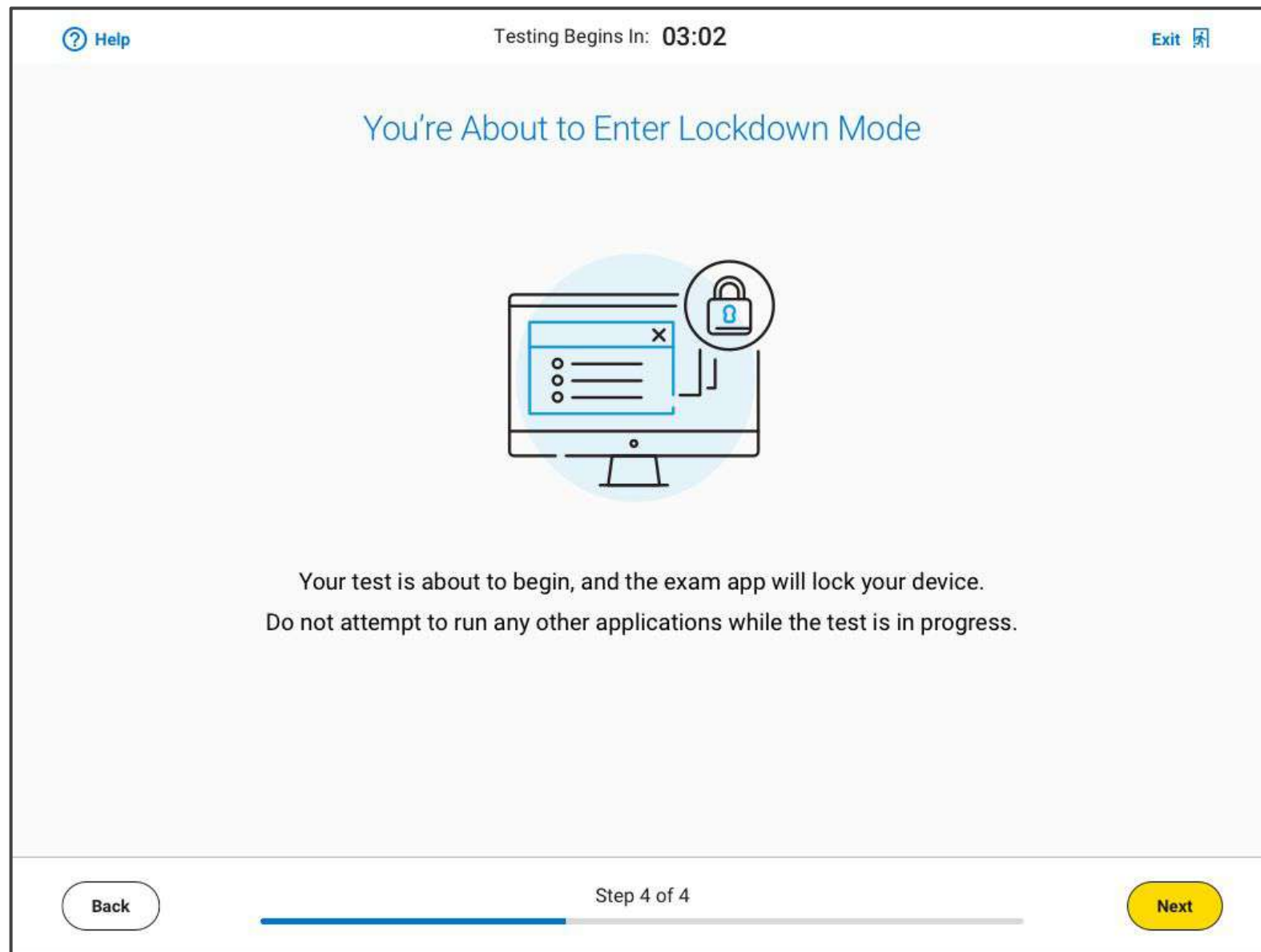
Type the test security statement here.

|

[Back](#)Step 2 of 4[Next](#)

Lockdown Mode

Right before the exam begins, the app will lock your device. You'll need to close all other applications before testing begins.



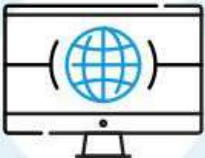
Digital Exams Start Automatically

If you finish check-in before your exam's start time, you'll see a timer counting down. When time expires, the exam will start automatically.

[? Help](#)Testing Begins In: 03:02[Exit](#)

Your Exam Will Begin Soon. Good Luck!

Testing will begin automatically when the timer runs down.



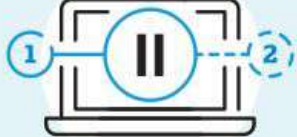
Your device must be connected to the internet when the test starts.



Do not exit the exam app or open any other applications.



If you have any trouble during testing, click the Help icon.



There will be a break between test sections.

Testing Toolbar: Directions

At the top left of every testing screen, you can access general exam directions as well as section-specific directions.

The screenshot displays the AP U.S. History testing interface. At the top, the title bar shows "AP U.S. History", a timer at "1:40:00", and icons for "Annotate", "Help", and "More". Below the title bar, a "Directions" menu is open, showing two options: "Exam Directions" and "Section Directions".

Exam Directions

The AP United States History exam is 3 hours and 15 minutes long. Section 1A lasts 55 minutes and has 55 multiple-choice questions. Section 1B lasts 40 minutes and has 3 short answer questions. Section 2 lasts 1 hour and 40 minutes, and has 1 document-based question (DBQ) and 2 short answer questions.

Source materials may have been edited for the purpose of this exam.

Please note that you are responsible for pacing yourself. The clock will turn red when 5 minutes remain, but the proctor or app will not give you any other time updates.

Do not spend too much time on any one question, but remember that you cannot go back to a question once you've submitted it.

Section Directions

Section 2: 1 Hour, 40 Minutes

1 Document-Based Question (DBQ) and 2 Short-Answer Questions (SAQ)

Please note: All questions in this section are required.

You are advised to spend:

- approximately 15 minutes reading the question and planning your answer to Question 1, the document-based question (DBQ),
- approximately 45 minutes writing your answer to the DBQ.
- approximately 40 minutes answering the two short-answer questions.

The DBQ requires your response in essay form. You may use scratch paper to organize your answers and for prep work, but no credit will be given for work on scratch paper, you must enter your answers in this app.

At the bottom right, there is a "Continue" button. At the bottom of the screen, there are "Back" and "Next" navigation buttons.

Testing Toolbar: Timer

During the exam, a timer will count down the time remaining for each section.

You can hide the timer, except during the last 5 minutes of a section.

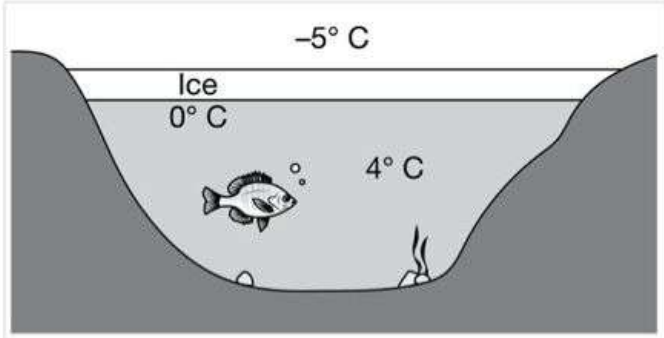
Once time expires on the last section of the exam, your answers will be submitted automatically.

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AP Biology 4:59 Annotate Reference Help More

Directions ▾

Questions 47 - 50 refer to the following diagram.



As shown in the diagram, when environmental temperatures drop below freezing, a layer of ice typically forms on the surface of bodies of freshwater such as lakes and rivers.

47

Which of the following best describes how the structure of ice benefits the organisms that live in the water below?

- (A) The water molecules in ice are closer together than those in liquid water, so the ice prevents the passage of air to the water, maintaining a constant gas mixture in the water
- (B) The water molecules in ice are closer together than those in liquid water, so the ice forms a barrier that protects the organisms in the water from the freezing air temperatures
- (C) The water molecules in ice are farther apart than those in liquid water, so the ice floats.
- (D) The water molecules in ice are farther apart than those in liquid water, so the ice floats, preventing

5 Minutes Remaining
If you're not done when time expires, the work you've completed will be submitted automatically. ✕

Alexander Adjashvili Question 47 of 60 Next

Testing Toolbar: Annotate

You can highlight any part of a passage or question that you might want to return to or leave yourself a note to organize your thoughts.

Section 2

Directions ▾

1:58:00

Hide

Annotate

Help

More

The first Buy Nothing Day—a day on which people are urged to purchase no goods—was organized in Canada in 1992 as a way to increase awareness of excessive consumerism. A Buy Nothing Day has been held yearly since then in many nations. An online article, “Buy Nothing Day: 2006 Press Release,” urged worldwide acceptance of taking a “24-hour consumer detox as part of the 14th annual Buy Nothing Day” in order to “expose the environmental and ethical consequences of overconsumption” (“Buy Nothing Day,” courtesy *Adbusters*, www.adbusters.org).

Write an essay that argues your position on the establishment of an annual Buy Nothing Day.

In your response you should do the following:

- Respond to the prompt with a thesis that presents a defensible position.
- Provide evidence to support your line of reasoning.
- Explain how the evidence supports your line of reasoning.
- Use appropriate grammar and punctuation in communicating your argument.

1

Write an essay that argues your position on the establishment of an annual Buy Nothing Day.

Your response will be saved automatically.

B *I* U x^2 x_2 ↺ ↻ Ω ✂ 📄 📋

N/A

1 | 2 | 3

Next

Testing Toolbar: Reference Sheet

In most STEM courses, you'll have access to a reference sheet with commonly used formulas.

If your AP Exam requires or allows calculators, you must bring your own.

AP Physics 2		1:20:00				
Directions ▾		Pause Hide	Annotate	Reference	Help	More
AP Physics 2 Reference						CLOSE ✕
Constants and Conversion Factors						
Proton mass $m_p = 1.67 \times 10^{-27} \text{ kg}$	Electron mass $m_e = 9.11 \times 10^{-31} \text{ kg}$	Universal gas constant $R = 8.31 \text{ J/(mol} \cdot \text{K)}$				
Neutron mass $m_n = 1.67 \times 10^{-27} \text{ kg}$	Avogadro's number $= 6.02 \times 10^{23} \text{ mol}^{-1}$	Boltzmann's constant $k_B = 1.38 \times 10^{-23} \text{ J/K}$				
Electron charge magnitude $e = 1.60 \times 10^{-19} \text{ C}$	Speed of light $c = 3.00 \times 10^8 \text{ m/s}$	Acceleration due to gravity at Earth's surface $g = 9.8 \text{ m/s}^2$				
1 electron volt $1 \text{ eV} = 1.60 \times 10^{-19} \text{ J}$	Universal gravitational constant $G = 6.67 \times 10^{-11} \text{ m}^3/\text{kg} \cdot \text{s}^2$					
1 unified atomic mass unit $1 \text{ u} = 1.66 \times 10^{-27} \text{ kg} = 931 \text{ MeV}/c^2$	Coulomb's law constant $k = 1/4\pi\epsilon_0 = 9.0 \times 10^9 \text{ N} \cdot \text{m}^2/\text{C}^2$	1 atmosphere pressure $1 \text{ atm} = 1.0 \times 10^5 \text{ N/m}^2 = 1.0 \times 10^5 \text{ Pa}$				
Planck's constant $h = 6.63 \times 10^{-34} \text{ J} \cdot \text{s} = 4.14 \times 10^{-15} \text{ eV} \cdot \text{s}$ $hc = 1.99 \times 10^{-25} \text{ J} \cdot \text{m} = 1.24 \times 10^3 \text{ eV} \cdot \text{nm}$	Vacuum permeability $\mu_0 = 4\pi \times 10^{-7} \text{ (T} \cdot \text{m)/A}$					

Testing Toolbar: Zoom and Expand

You can **Zoom In** and **Zoom Out** to get a closer look at any part of a question. You can find the Zoom In/Out buttons under **More**.

You can also make one side of the screen bigger than the other with the **Expand Left** or **Expand Right** controls.

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The screenshot displays the AP Biology exam interface. At the top, the header includes "AP Biology", a timer at "1:40:00", and navigation icons for "Annotate", "Reference", "Help", and "More". Below the header, a toolbar shows "Zoom In" and "Zoom Out" buttons. The main content area features a diagram of a synapse with labels: "Neurotransmitter", "Presynaptic Neuron", "Synapse", and "Postsynaptic Neuron". To the right of the diagram is a question labeled "1a" asking to predict the effectiveness of two models (A and B) for preventing the effect of a neurotoxin by adding acetylcholinesterase (AChE). Below the question is a text input area with a rich text editor toolbar. At the bottom, the interface shows the student's name "Alexander Adjashvili", a list of question numbers "1a 1b 1c 1d 1e 2a-2e 3a-3g", and a "Next" button.

AP Biology
Directions ▾

1:40:00
Hide

Annotate Reference Help More

Zoom In Zoom Out

Questions 1a - 1e refer to the following diagram.

1a

The researcher proposes two models to prevent the effect of the neurotoxin. In model A, AChE is added to the synapse. In model B, AChE is added to the cytoplasm of the postsynaptic cell. Predict the effectiveness of EACH proposed model. Provide reasoning to support your predictions.

Your response will be saved automatically.

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As shown in the diagram, when environmental

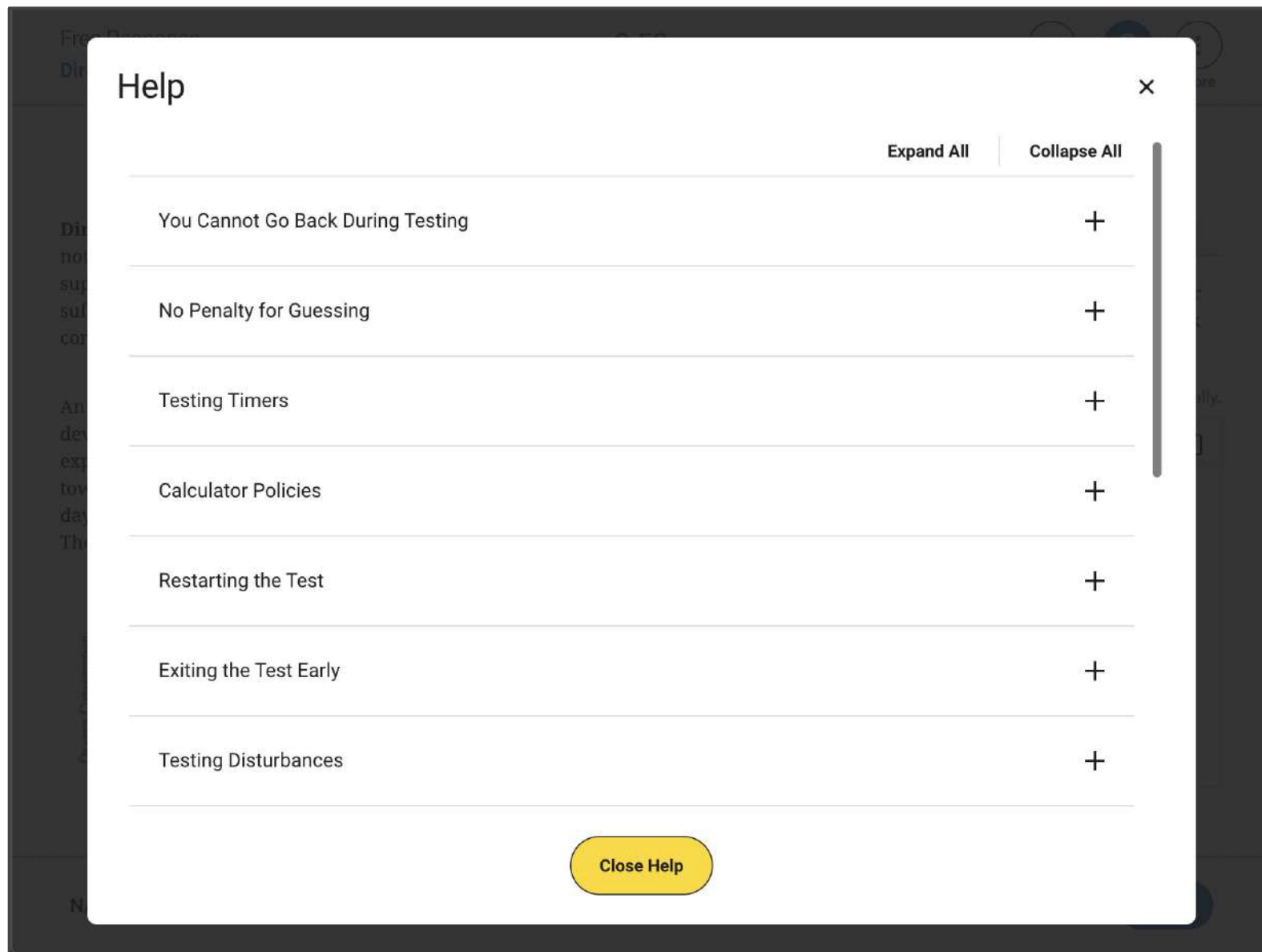
Alexander Adjashvili

1a 1b 1c 1d 1e 2a-2e 3a-3g

Next

Testing Toolbar: Help

On every screen, you have access to a **Help** page where you can view frequently asked questions.



Multiple-Choice Questions

Most AP Exams are a combination of multiple-choice and free-response questions.

Some multiple-choice questions are centered on the screen while others have stimulus content on the left, and questions and answers on the right.

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AP Biology

Directions ▾

1:20:00

Hide

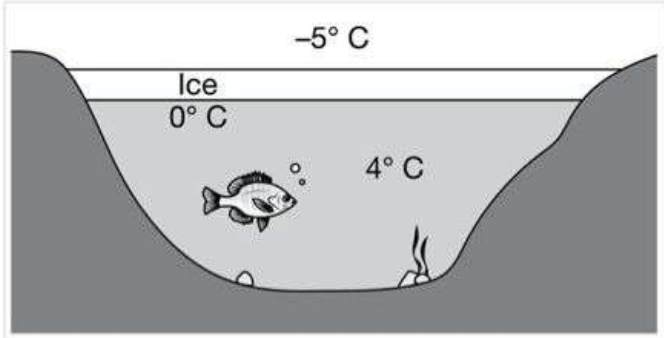
Annotate

Reference

Help

More

Questions 47 - 50 refer to the following diagram.



The diagram shows a cross-section of a lake. At the top, the air temperature is -5°C . A layer of ice is on the surface, labeled "Ice" and " 0°C ". Below the ice, the water temperature is 4°C . A fish is shown swimming in the 4°C water layer. The lake bottom is shown with some vegetation.

As shown in the diagram, when environmental temperatures drop below freezing, a layer of ice typically forms on the surface of bodies of freshwater such as lakes and rivers.

47

Which of the following best describes how the structure of ice benefits the organisms that live in the water below?

(A) The water molecules in ice are closer together than those in liquid water, so the ice prevents the passage of air to the water, maintaining a constant gas mixture in the water

(B) The water molecules in ice are closer together than those in liquid water, so the ice forms a barrier that protects the organisms in the water from the freezing air temperatures

(C) The water molecules in ice are farther apart than those in liquid water, so the ice floats, maintaining the warmer, denser water at the lake bottom

(D) The water molecules in ice are farther apart than those in liquid water, so the ice floats, preventing the passage of air to the water, maintaining a constant gas mixture in the water

Alexander Adjashvili

Question 47 of 60

Next

Multiple-Choice Questions: No Going Back

On multiple-choice questions, you won't be able to move back and forth between questions or return to questions you've already answered.

Remember: there's no penalty for guessing.

AP Biology 1:20:00

Directions

Questions 47 - 50 refer to the following diagram.

47

Which of the following best describes how the structure of ice benefits the organisms that live in the water below?

Ice 0°C -5°C

As shown in the diagram, when temperatures drop below freezing, a layer of ice typically forms on the surface of bodies of freshwater such as lakes and rivers.

Reminder: You Can't Go Back

Once you move on from any multiple-choice question, you cannot return to it. You will not see this message again.

Next Question Stay on This Question

© The water molecules in ice are farther apart than those in liquid water, so the ice floats, maintaining the warmer, denser water at the lake bottom.

© The water molecules in ice are farther apart than those in liquid water, so the ice floats, maintaining the warmer, denser water at the lake bottom.

Alexander Adjashvili Question 47 of 60 Next

Breaks Between Sections

Between sections, you'll have a break. A timer will let you know when the next section starts.

Just like at the beginning of the exam, when the time expires, the exam will resume automatically.

Testing Resumes In: 04:59



The Exam Will Continue Soon

When the timer above reaches zero, your exam will resume automatically.

Free-Response Questions

On free-response questions, you'll type directly into the app, and all your work will be saved automatically. Any special characters you need are available in the text editor.

There are no files to upload, and you won't submit any handwritten work.

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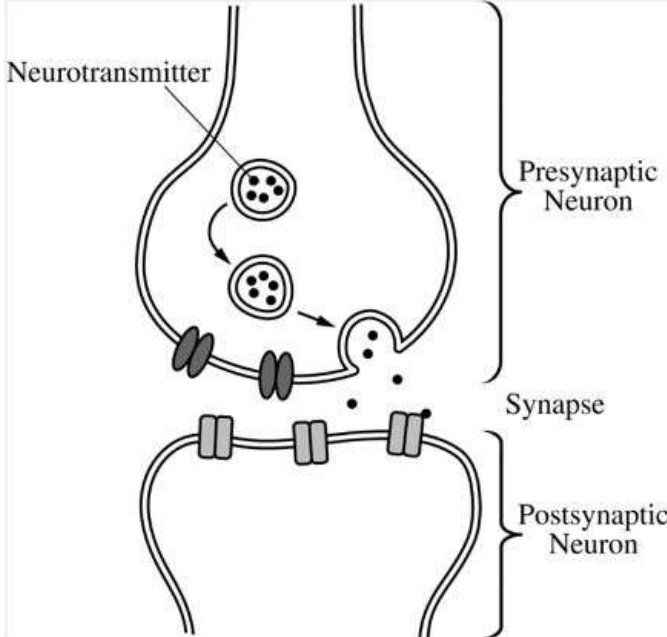
AP Biology

Directions ▾

1:40:00

AnnotateReferenceHelpMore

Questions 1a - 1e refer to the following diagram.



Neurotransmitter

Presynaptic Neuron

Synapse

Postsynaptic Neuron

As shown in the diagram, when environmental

1a

The researcher proposes two models, A and B, for using acetylcholinesterase (AChE), an enzyme that degrades acetylcholine, to prevent the effect of the neurotoxin. In model A, AChE is added to the synapse. In model B, AChE is added to the cytoplasm of the postsynaptic cell. Predict the effectiveness of EACH proposed model. Provide reasoning to support your predictions.

Your response will be saved automatically.

B / U x^2 x_2 ↺ ↻ Ω ✂ 📄 📋

° ∞ ≤ ≥ ≠
≈ π Δ Σ X
α β ε θ κ
λ μ ν ρ σ
τ ω ⚡ ♂ ♀
→ ⇌

Alexander Adjashvili

1a 1b 1c 1d 1e | 2a-2e | 3a-3g

Next

Free-Response Questions: No Going Back

Once you move on from any free-response question, you cannot go back to it.

But on free-response questions that have more than 1 part, you can go back and forth between parts until you're done working on the entire question.

The screenshot displays the AP Biology exam interface. At the top, it shows 'AP Biology', 'Directions', a timer at '1:40:00', and icons for 'Annotate', 'Reference', 'Help', and 'More'. The main content area shows 'Questions 1a - 1e refer to the following diagram.' Below this is a diagram of a synapse. The diagram labels a 'Neurotransmitter' vesicle moving towards a 'Synapse' and a 'Postsynaptic Neuron'. A text box on the right contains question 1a: 'The researcher proposes two models, A and B, for using acetylcholinesterase (AChE), an enzyme that degrades acetylcholine, to prevent the effect of the neurotoxin. In the synapse. In model B, AChE is located on the postsynaptic cell. Predict the effect of the neurotoxin. Provide reasoning to support your answer. Your response will be saved automatically.' A white pop-up box in the center reads: 'Reminder: You Can't Go Back. Once you move on from any free-response question, you cannot return to it.' At the bottom of the pop-up are two buttons: 'Next question' and 'Stay on this question'. The bottom of the screen shows the student's name 'Alexander Adjashvili', a list of question numbers '1a 1b 1c 1d 1e 2a-2e 3a-3g', and a 'Next' button.

AP Biology

Directions

1:40:00

Annotate Reference Help More

Questions 1a - 1e refer to the following diagram.

1a

The researcher proposes two models, A and B, for using acetylcholinesterase (AChE), an enzyme that degrades acetylcholine, to prevent the effect of the neurotoxin. In the synapse. In model B, AChE is located on the postsynaptic cell. Predict the effect of the neurotoxin. Provide reasoning to support your answer. Your response will be saved automatically.

Neurotransmitter

Synapse

Postsynaptic Neuron

Reminder: You Can't Go Back

Once you move on from any free-response question, you cannot return to it.

Next question Stay on this question

As shown in the diagram, when environmental

Alexander Adjashvili

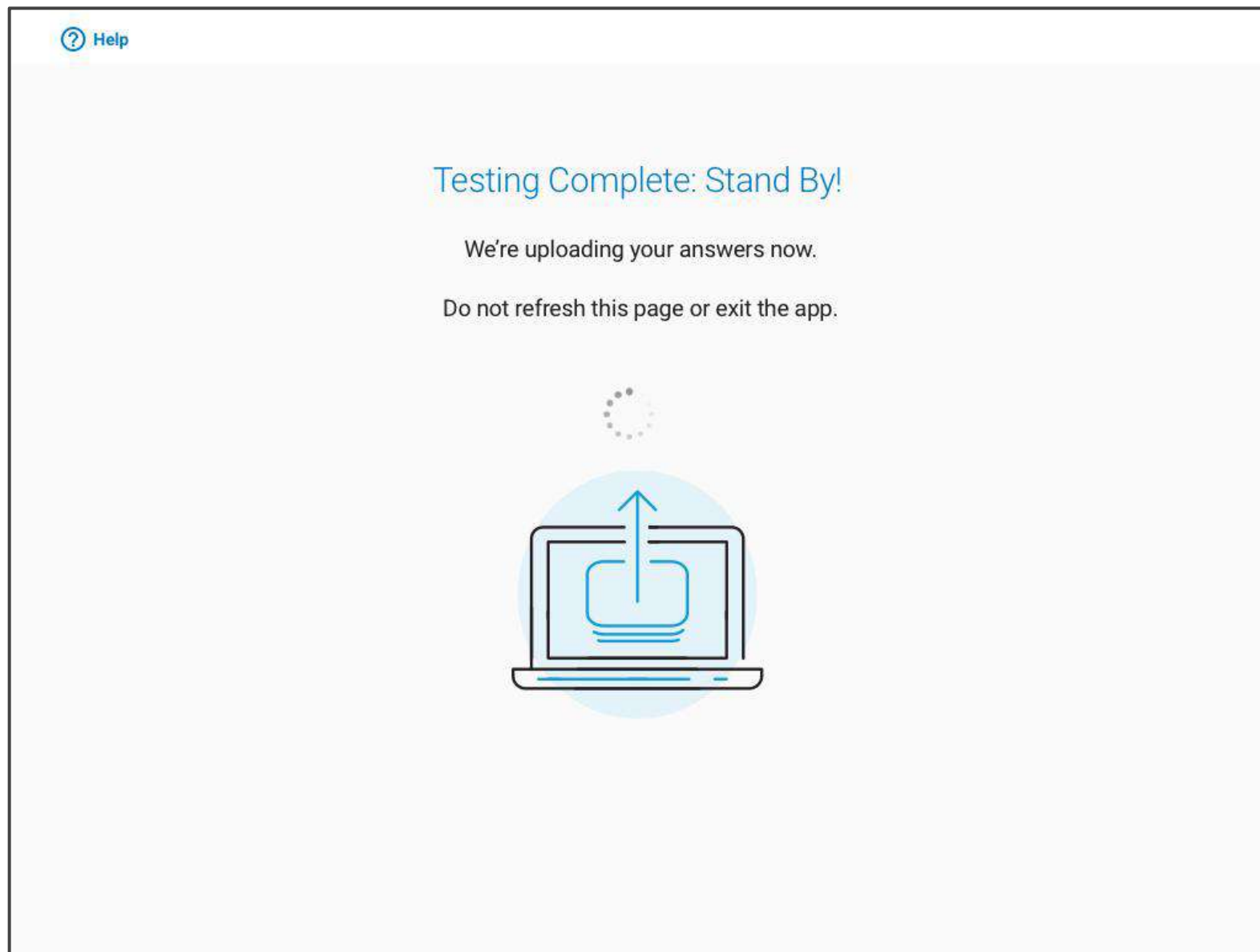
1a 1b 1c 1d 1e 2a-2e 3a-3g

Next

After Your Exam: Answer Submission

When testing time expires, the app will end the exam and your completed answers will be submitted automatically.

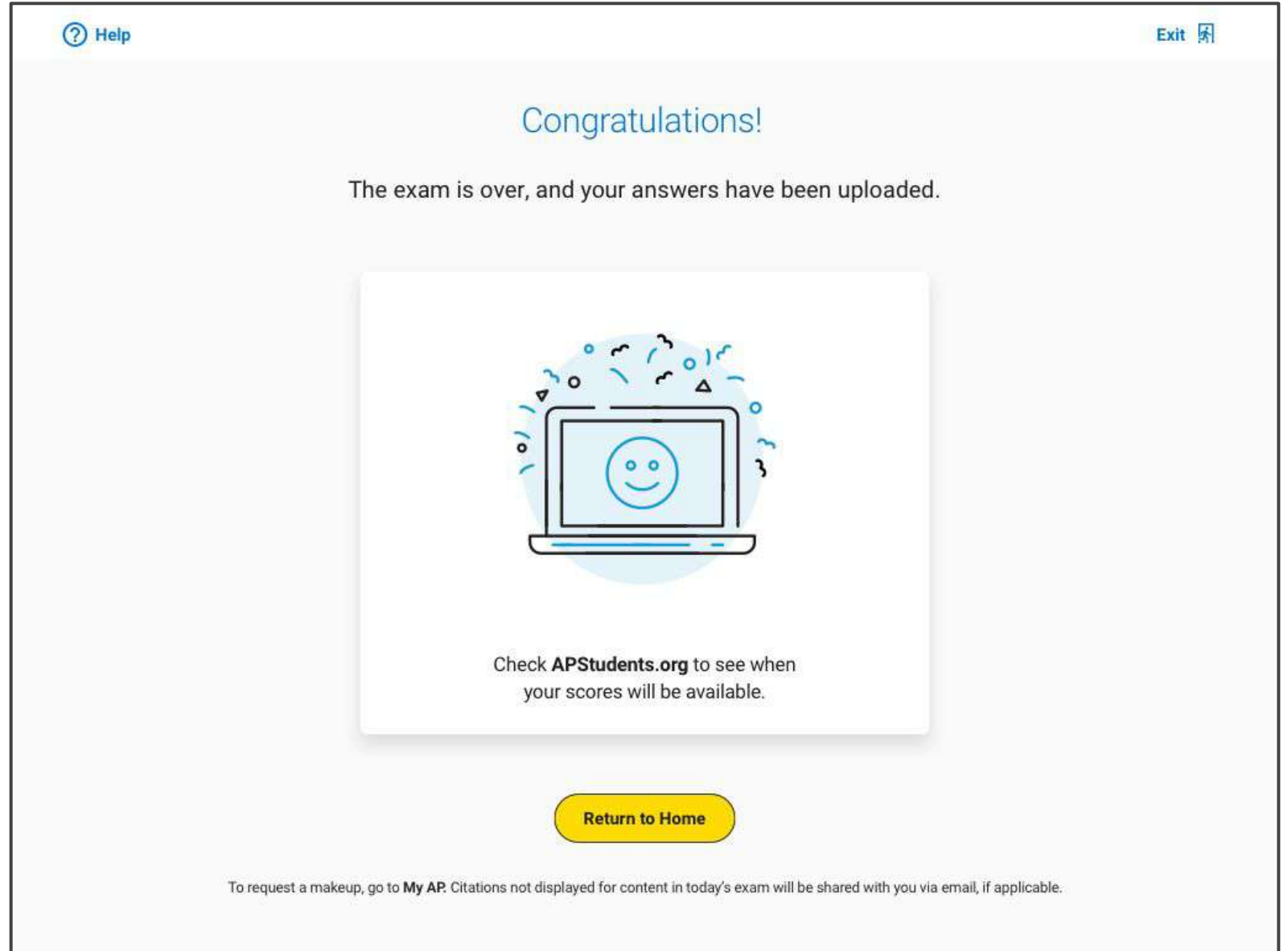
Do not exit the app until you see a “congratulations” message, confirming that we received your answers.



After Your Exam: Answer Submission Complete

When you see this screen, you're all set!

Check [AP Students](#) to see when your results will be posted.



After Your Exam: Answer Submission Incomplete

If your internet connection drops at the end of the test, we'll show you some immediate steps that you'll take to complete your answer submission.

If you run into an issue you can't recover from, you can go to [My AP](#) to request a makeup.

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[? Help](#)[Exit](#)

STOP

Your Answer Submission Is Incomplete



Right now: Follow these steps in order to complete your answer submission.

You'll see a message here when we receive your work.
Don't worry! Your answers have been saved to this device.

RECONNECT

Check your internet connection and try to submit your answers again.

REOPEN

If you're online and your submission still fails: close the app, reopen it, and try again.

CONTACT US

If you can't resolve the issue, call us at **888-225-5427**.

[Try Again](#)

[Return to Homepage](#)

To request a makeup exam, go to **My AP**. Citations for the content in today's exam will be shared with you via email.

Next Steps

In early April, AP students will be able to download the app and start practicing.

You'll need your College Board username and password to use the exam app, so make sure you have that info handy.

Good luck on your 2021 digital AP Exam!

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The screenshot shows the CollegeBoard AP Digital Practice interface. At the top, the CollegeBoard logo is on the left, and the user's name, Alexander Adjiashvili, is on the right next to a profile icon. Below the logo, there are two tabs: 'Active Practice' (selected) and 'Past Practice'. On the left side of the interface, there is a dark blue sidebar with two buttons: 'My Exams' and 'Practice' (selected). The main content area displays two identical cards for 'AP Biology Exam App Demo DIGITAL PRACTICE'. Each card features a laptop icon with 'AP' on the screen, the title 'AP Biology Exam App Demo DIGITAL PRACTICE', the status 'Status: Ready for Exam Setup', and a yellow 'Start Exam Setup' button.