DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

Instructions
The peach Appendix booklet is provided for use in both Section I and Section II.

Section I of this exam contains 40 multiple-choice questions. Fill in only the ovals for numbers 1 through 40 on your answer sheet. Indicate all of your answers to the multiple-choice questions on the answer sheet. No credit will be given for anything written in this exam booklet, but you may use the booklet for notes or scratch work. After you have decided which of the suggested answers is best, completely fill in the corresponding oval on the answer sheet. Give only one answer to each question. If you change an answer, be sure that the previous mark is erased completely. Here is a sample question and answer.

Sample Question: Chicago is a (A) state (B) city (C) country (D) continent (E) village

Sample Answer: A

Use your time effectively, working as quickly as you can without losing accuracy. Do not spend too much time on any one question. Go on to other questions and come back to the ones you have not answered if you have time. It is not expected that everyone will know the answers to all of the multiple-choice questions.

Your total score on the multiple-choice section is based only on the number of questions answered correctly. Points are not deducted for incorrect answers or unanswered questions.
At a Glance

Total Time
1 hour, 45 minutes

Number of Questions
4

Percent of Total Score
50%

Writing Instrument
Pencil

Electronic Device
None allowed

Weight
The questions are weighted equally.

IMPORTANT Identification Information

PLEASE PRINT WITH PEN:
1. First two letters of your last name  
First letter of your first name  
2. Date of birth  
Month  Day  Year  
3. Six-digit school code

4. Unless I check the box below, I grant the College Board the unlimited right to use, reproduce, and publish my free-response materials, both written and oral, for educational research and instructional purposes. My name and the name of my school will not be used in any way in connection with my free-response materials. I understand that I am free to mark “No” with no effect on my score or its reporting.

No, I do not grant the College Board these rights.

Instructions

The questions for Section II are printed in this booklet. The peach Appendix booklet is provided for use in Section II. You may use the Appendix booklet to organize your answers and for scratch work, but you must write your answers in the beige Section II booklet. No credit will be given for any work written in the peach booklet.

Write your answer to each question in the space provided in the Section II booklet. Some questions require you to write program segments, and these must be written in Java. Credit for partial solutions will be given. Write clearly and legibly. Cross out any errors you make. Erased or crossed-out work will not be scored.

Assume classes listed in the Quick Reference found in the Appendix are included in any program that uses a program segment you write. If other classes are to be included, that information will be specified in individual questions. Unless otherwise noted, assume that all methods are invoked only when their preconditions are satisfied. A Quick Reference to required Java classes is included in the Appendix.

Manage your time carefully. Do not spend too much time on any one question. You may proceed freely from one question to the next. You may review your responses if you finish before the end of the exam is announced.
What Proctors Need to Bring to This Exam

- Exam packets
- Answer sheets
- AP Student Packs
- 2010-11 AP Coordinator’s Manual
- This book — AP Exam Instructions for Late Testing (Alternate Exams)
- School codes and state homeschool codes
- Pencil sharpener

- Extra No. 2 pencils with erasers
- Extra pens with black or dark blue ink
- Extra paper
- Stapler
- Watch
- Signs for the door to the testing room
  - “Exam in Progress”
  - “Cell phones are prohibited in the testing room”

SECTION I: Multiple-Choice Questions

Do not begin the exam instructions below until you have completed the appropriate General Instructions for your group.

Make sure you begin the exam at the designated time. When you have completed the General Instructions, say:

It is Thursday morning, May 19, and you will be taking the AP Computer Science A Exam. In a moment, you will open the packet that contains your exam materials. By opening this packet, you agree to all of the AP Program’s policies and procedures outlined in the 2010-11 Bulletin for AP Students and Parents. You may now open your exam packet and take out the Section I booklet, but do not open the booklet or the shrinkwrapped Section II materials. Put the white seals aside. Read the statements on the front cover of Section I and look up when you have finished. . . .

Now sign your name and write today’s date. Look up when you have finished. . . .

Now print your full legal name where indicated. Are there any questions? . . .

Now turn to the back cover and read it completely. Look up when you have finished. . . .

Are there any questions? . . .

This is an alternate form of the exam. You may never discuss the specific questions in this exam at any time in any form with anyone, including your teacher and other students. If you disclose these questions through any means, your AP Exam score will be canceled. Are there any questions? . . .

You must complete the answer sheet using a No. 2 pencil only. Mark all of your responses on your answer sheet, one response per question. Completely fill in the ovals. If you need to erase, do so carefully and
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completely. No credit will be given for anything written in the exam booklet. Scratch paper is not allowed, but you may use the margins or any blank space in the exam booklet for scratch work. Are there any questions? . . .

You may use the peach appendix booklet throughout the exam. Appendix A contains the AP Java Quick Reference, and appendixes B through G contain case study reference material. The case study questions are 21 through 26. You have 1 hour and 15 minutes for Section I. Open your Section I booklet now and begin.

Note Start Time here _______. Note Stop Time here _______. Check that students are marking their answers in pencil on their answer sheets, and that they are not looking at their shrinkwrapped Section II booklets. After 1 hour and 15 minutes, say:

Stop working. Close both your exam booklet and peach appendix booklet and put your answer sheet on your desk, face up. I will now collect your answer sheet.

Collect an answer sheet from each student. Then say:

Now you must seal your exam booklet. Remove the white seals from the backing and press one on each area of your exam booklet cover marked “PLACE SEAL HERE.” Fold each seal over the back cover. When you have finished, place the booklet on your desk, face up. I will now collect your Section I booklet.

Check that each student has signed the front cover of the sealed Section I booklet. There is a 10-minute break between Sections I and II. When all Section I materials have been collected and accounted for and you are ready for the break, say:

Please listen carefully to these instructions before we take a 10-minute break. Everything you placed under your chair at the beginning of the exam must stay there. Leave your shrinkwrapped Section II packet on your desk during the break. You are not allowed to consult teachers, other students, or textbooks about the exam materials during the break. You may not make phone calls, send text messages, check e-mail, use a social networking site, or access any electronic or communication device. Remember, you are not allowed to discuss the multiple-choice section of this exam. Failure to adhere to any of these rules could result in cancellation of your score. Are there any questions? . . .

Answer all questions regarding procedure. Then say:

You may begin your break. Testing will resume at ________.
SECTION II: Free-Response Questions

After the break, say:

May I have everyone’s attention? Place your Student Pack on your desk.

You may now open the Section II package.

Read the bulleted statements on the front cover of the exam booklet. Look up when you have finished.

Now place an AP number label on the shaded box. If you don’t have any AP number labels, write your AP number in the box. Look up when you have finished.

Read the last statement.

Using your pen, print the first, middle and last initials of your legal name in the boxes and print today’s date where indicated. This constitutes your signature and your agreement to the statements on the front cover.

Turn to the back cover and read Item 1 under “Important Identification Information.” Print the first two letters of your last name and the first letter of your first name in the boxes. Look up when you have finished.

In Item 2, print your date of birth in the boxes.

Read Item 3 and write the school code you printed on the front of your Student Pack in the boxes.

Read Item 4.

Are there any questions?

I need to collect the Student Pack from anyone who will be taking another AP Exam. You may keep it only if you are not taking any other AP Exams this year. If you have no other AP Exams to take, place your Student Pack under your chair now.

While Student Packs are being collected, read the information and the instructions for Section II on the back cover of the exam booklet. Do not open the booklet until you are told to do so. Look up when you have finished.

Collect the Student Packs. Then say:

Are there any questions?

You will need the peach appendix booklet for Question 2, although you may use it at any time during this period. You may make notes in the appendix booklet, but you must write your answers in the exam booklet using a No. 2 pencil. You are responsible for pacing yourself, and may proceed freely from one question to the next. If you need more paper during the exam, raise your hand. At the top of each extra piece of paper you use, be sure to write your AP number and the number of the question you are working on. You have 1 hour and 45 minutes for Section II. Are there any questions?
You may begin.

Note Start Time here _________. Note Stop Time here _________.

Check that students are writing their answers in their Section II booklets.

After 1 hour and 35 minutes, say:

There are 10 minutes remaining.

After 10 minutes, say:

Stop working and close your exam booklet and the appendix booklet.
Put your exam booklet on your desk, face up. Put your appendix booklet next to it.

If any students used extra paper for the free-response section, have those students staple the extra sheet/s to the first page corresponding to that question in their free-response booklets. Then say:

Remain in your seat, without talking, while the exam materials are collected.

Collect an exam booklet and an appendix booklet from every student. Check for the following:

- Exam booklet front cover: The student placed an AP number label on the shaded box, and printed his or her initials and today’s date.
- Exam booklet back cover: The student completed the “Important Identification Information” area.
- The student wrote answers in the exam booklet and not in the appendix booklet.

When all exam materials have been collected and accounted for, return to students any electronic devices you may have collected before the start of the exam. Then say:

Remember that none of the questions in this exam may ever be discussed or shared in any way at any time. You should receive your score report in the mail about the third week of July. You are now dismissed.

Exam materials should be put in secure storage until they are returned to the AP Program after your school’s last administration. Before storing materials:

- Check your list of students who are eligible for fee reductions, and fill in the appropriate oval on their registration answer sheets.
- Fill in the appropriate section number oval in the “School Use Only” section of the answer sheet in order to view a separate Subject Score Roster at the class section or teacher level. See “Post-Exam Activities” in the 2010-11 AP Coordinator’s Manual.

The peach appendix booklets must be returned with the rest of your exam materials.