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## The AP Calculus BC Exam



**Exam Content**

In 1956, 386 students took what was then known as the AP Mathematics Exam. By 1969, still under the heading of AP Mathematics, it had become Calculus AB and Calculus BC. The Calculus BC exam covers the same differential and integral calculus topics that are included in the Calculus AB exam, plus additional topics in differential and integral calculus, and polynomial approximations and series. This is material that would be included in a two-semester calculus sequence at the college level. Because graphing calculator use is an integral part of the course, the exam contains questions that require students to use a graphing calculator.

- More About Calculus BC...**
- [AP Exam Formats](#)
  - [AP Calculus BC Course Home Page](#)
  - [AP Calculus Calculator Policy](#)
  - [2007 FRQ Instructions: Section II \(.pdf/43KB\)](#)
  - [2007 FRQ Instruction Commentary \(.pdf/73KB\)](#)
  - [Sign Charts in AP Calculus Exams](#)
  - [AP Calculus: Use of Graphing Calculators](#)
  - [AP Calculus: Calculator Survey Results](#)
  - [Adventures in the Amusement Park](#)
  - [AP Exams Calendars](#)
  - [Exam Tips: Calculus BC](#)

If students take the BC exam, they cannot take the AB exam in the same year because the exams share some questions. Students taking the BC exam will receive a Calculus AB sub-score grade in addition to their Calculus BC grade.

### Multiple-Choice Questions

For sample multiple-choice questions, refer to the Course Description.

- [AP Calculus Course Description \(.pdf/1.7MB\)](#) New!
- [AP Calculus Multiple-Choice Question Index: 1997, 1998 and 2003 AP Calculus Exams \(.xls/144KB\)](#) New!

### Free-Response Questions

Below are free-response questions from past AP Calculus BC Exams. Included with the questions are scoring guidelines, sample student responses, and commentary on those responses, as well as exam statistics and the Chief Reader's Student Performance Q&A for past administrations.

AP Calculus Free-Response Question Collections (official Calculus AB and BC free-response questions and solutions from before 1998) are available for purchase and download at the College Board Store.

- [AP Calculus Free-Response Question Collections](#)

**Important Note About the "Form B" Exams**  
Because of the worldwide growth of the AP Program and the administration of exams in multiple time zones, another version of the AP Calculus BC Exam, called "Form B," may be administered in order to maintain security.

- Free-Response Questions** [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [1999-2002](#)

2009: Free-Response Questions

Questions	Scoring	Samples and Commentary	Grade Distributions
<a href="#">All Questions</a>	<a href="#">Scoring Guidelines</a> <a href="#">Student Performance Q&amp;A</a> <a href="#">Scoring Statistics</a>	<a href="#">Sample Responses Q1</a> <a href="#">Sample Responses Q2</a> <a href="#">Sample Responses Q3</a> <a href="#">Sample Responses Q4</a> <a href="#">Sample Responses Q5</a> <a href="#">Sample Responses Q6</a>	<a href="#">Grade Distributions</a>

2009: Form B

Questions	Scoring	Samples and Commentary	Grade Distributions
<a href="#">All Questions</a>	<a href="#">Scoring Guidelines</a>	<a href="#">Sample Responses Q1</a> <a href="#">Sample Responses Q2</a> <a href="#">Sample Responses Q3</a> <a href="#">Sample Responses Q4</a> <a href="#">Sample Responses Q5</a> <a href="#">Sample Responses Q6</a>	

2008: Free-Response Questions

Questions	Scoring	Samples and Commentary	Grade Distributions
<a href="#">All Questions</a>	<a href="#">Scoring Guidelines</a> <a href="#">Student Performance Q&amp;A</a>	<a href="#">Sample Responses Q1</a> <a href="#">Sample Responses Q2</a> <a href="#">Sample Responses Q3</a> <a href="#">Sample Responses Q4</a>	<a href="#">Grade Distributions</a>

[Scoring Statistics](#) [Sample Responses Q5](#)  
[Sample Responses Q6](#)



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2008: Form B

Questions	Scoring	Samples and Commentary	Grade Distributions
<a href="#">All Questions</a>	<a href="#">Scoring Guidelines</a>	<a href="#">Sample Responses Q1</a> <a href="#">Sample Responses Q2</a> <a href="#">Sample Responses Q3</a> <a href="#">Sample Responses Q4</a> <a href="#">Sample Responses Q5</a> <a href="#">Sample Responses Q6</a>	

2007: Free-Response Questions

Questions	Scoring	Samples and Commentary	Grade Distributions
<a href="#">All Questions</a>	<a href="#">Scoring Guidelines</a> <a href="#">Student Performance Q&amp;A</a> <a href="#">Scoring Statistics</a>	<a href="#">Sample Responses Q1</a> <a href="#">Sample Responses Q2</a> <a href="#">Sample Responses Q3</a> <a href="#">Sample Responses Q4</a> <a href="#">Sample Responses Q5</a> <a href="#">Sample Responses Q6</a>	<a href="#">Grade Distributions</a>

2007: Form B

Questions	Scoring	Samples and Commentary	Grade Distributions
<a href="#">All Questions</a>	<a href="#">Scoring Guidelines</a>	<a href="#">Sample Responses Q1</a> <a href="#">Sample Responses Q2</a> <a href="#">Sample Responses Q3</a> <a href="#">Sample Responses Q4</a> <a href="#">Sample Responses Q5</a> <a href="#">Sample Responses Q6</a>	

2006: Free-Response Questions

Questions	Scoring	Samples and Commentary	Grade Distributions
<a href="#">All Questions</a>	<a href="#">Scoring Guidelines</a> <a href="#">Student Performance Q&amp;A</a> <a href="#">Scoring Statistics</a>	<a href="#">Sample Responses Q1</a> <a href="#">Sample Responses Q2</a> <a href="#">Sample Responses Q3</a> <a href="#">Sample Responses Q4</a> <a href="#">Sample Responses Q5</a> <a href="#">Sample Responses Q6</a>	<a href="#">Grade Distributions</a>

2006: Form B

Questions	Scoring	Samples and Commentary	Grade Distributions
<a href="#">All Questions</a>	<a href="#">Scoring Guidelines</a>	<a href="#">Sample Responses Q1</a> <a href="#">Sample Responses Q2</a> <a href="#">Sample Responses Q3</a> <a href="#">Sample Responses Q4</a> <a href="#">Sample Responses Q5</a> <a href="#">Sample Responses Q6</a>	

2005: Free-Response Questions

Questions	Scoring	Samples*	Grade Distributions
<a href="#">All Questions</a>	<a href="#">Scoring Guidelines</a> <a href="#">Scoring Commentary</a> <a href="#">Student Performance Q&amp;A</a> <a href="#">Scoring Statistics</a>	<a href="#">Sample Responses</a>	<a href="#">Grade Distributions</a>

2005: Form B

Questions	Scoring	Samples	Grade Distributions
<a href="#">All Questions</a>	<a href="#">Scoring Guidelines</a> <a href="#">Scoring Commentary</a>	<a href="#">Sample Responses</a>	

2004: Free-Response Questions

Questions	Scoring	Samples	Grade Distributions
<a href="#">All Questions</a>	<a href="#">Scoring Guidelines</a> <a href="#">Scoring Commentary</a> <a href="#">Student Performance Q&amp;A</a> <a href="#">Scoring Statistics</a>	<a href="#">Sample Response Q1</a> <a href="#">Sample Response Q2</a> <a href="#">Sample Response Q3</a> <a href="#">Sample Response Q4</a> <a href="#">Sample Response Q5</a> <a href="#">Sample Response Q6</a>	<a href="#">Grade Distributions</a>

2004: Form B

Questions	Scoring	Samples
<a href="#">All Questions</a>	<a href="#">Scoring Guidelines</a> <a href="#">Scoring Commentary</a>	<a href="#">Sample Response Q1</a> <a href="#">Sample Response Q2</a> <a href="#">Sample Response Q3</a> <a href="#">Sample Response Q4</a> <a href="#">Sample Response Q5</a>

	<a href="#">Sample Response Q6</a>
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2003: Free-Response Questions

Questions	Scoring	Samples	Grade Distributions
<a href="#">All Questions</a>	<a href="#">Scoring Guidelines</a> <a href="#">Scoring Commentary</a> <a href="#">Student Performance Q&amp;A</a> <a href="#">Scoring Statistics</a>	<a href="#">Sample Response Q1</a> <a href="#">Sample Response Q2</a> <a href="#">Sample Response Q3</a> <a href="#">Sample Response Q4</a> <a href="#">Sample Response Q5</a> <a href="#">Sample Response Q6</a>	<a href="#">Grade Distributions</a>

2003: Form B

Questions	Scoring	Samples
<a href="#">All Questions</a>	<a href="#">Scoring Guidelines</a> <a href="#">Scoring Commentary</a>	<a href="#">Sample Response Q1</a> <a href="#">Sample Response Q2</a> <a href="#">Sample Response Q3</a> <a href="#">Sample Response Q4</a> <a href="#">Sample Response Q5</a> <a href="#">Sample Response Q6</a>

**Important Note: PDF Files**

The links to exam questions for this course are in Adobe® PDF format, and you will need to use the Adobe® Acrobat® Reader® to view them. If you don't have Acrobat Reader 4.0 or higher installed on your computer, choose the link for the Adobe Web site below for installation instructions. For help downloading and printing PDF files, choose the link "PDF Troubleshooting" below in "See also."

See also...
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