

ANALYSIS  
OF  
**CPT**  
EXAMS

**Class of 2009 December**

*.....A Prime Academy  
Research Report*

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**Source:**

This document is based on sample data accessed from ICAI's website. The ICAI is in no way part of this analysis.

**Caveat:**

While all care has been taken to ensure that the data provided in this Report is accurate, the Academy will not take any responsibility for decisions that anyone may take on the basis of this report.

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# How did “Class of 2009D (CPT)” Fare

The Chartered Accountancy (CA) program is considered to be the second toughest professional examination in the country, the pride of place going to the Indian Administrative Service (IAS). The CA-CPT the entry level course to CA is now a huge drawn. Over 100 thousand candidates take the test at the age of 17 to become Interns who would by 20-21 become professional accountants.

How did the young brigade perform in December 2009?

## How the Analysis was done

The Institute of Chartered Accountants of India (ICAI) does place a macro analysis of the exam results in the public domain but the finer details aren't available. Our analysis seeks to figure out those finer details.

We began by ascertaining how many candidates took the exam. In statistics, this is called the “population”. To ascertain this we logged on to [www.careresults.nic.in](http://www.careresults.nic.in) and were prompted to enter the six digit exam roll number.

We tested for 100,000 and found no initiation. We entered 100,001 and found a result. Thereafter by trial and error we located the last number as being 202,677. Hence our ball park estimate is that about 102,677 took the exam

CLASS	CPT JUNE 09	CPT DEC 09
POPULATION	100,210	102,677
CONFIDENCE LEVEL	99%	99%
ERROR MARGIN	3%	3%
SAMPLE SIZE	1,800	1,800

The next step was to decide the sample size. Surely it would not make sense to tap data of all the 100,000 candidates. The

## Drop Outs

Interestingly, 68 of the numbers selected did not appear in the ICAI exam result list. This could mean that 4% of the candidates did not elect to take the exams that they were supposed to take.

solution lay in applying the principles of sampling which auditors, psephologists and other analysts swear by. A software that we use suggested that for a 3% error estimate and a 99% confidence level the sample size should be 1,816. For simplicity we rounded off the number to 1,800. We then used the random number table generated by the software to decide on the candidates whose marks we would tap.

## THE ANALYSIS

The first critical number is the **pass percent**. The sample threw this up as 37% (Last Exam 35%).

The **best mark** from the sample was 182 [LE 185]. This candidate did not appear on the Merit List. In contrast the candidate who got 185 in June 09 bagged the 8th rank. The lowest score was 13 [LE 14].

Disappointingly, the **average marks** of the sample namely 87 fell well short of the pass line of 100. This was the same in the previous exam as well.

About 78 [LE 82] people got through because they just about hit the finishing line, 100. There were about 71 [LE 109] who finished in the **nervous nineties** with 20 [LE 22] of them scoring 96.

Students tend to apply for the exams, pay the fees for it, receive the hall ticket and then not take the exams. In

	Appeared	Outcome	Percent
Pass %	1729	636	36.7%
Dropout %	1800	68	4%
Non Serious %	1729	190	11.0%

# PRIME ACADEMY RESEARCH REPORT

	MARKS DEC 09	MARKS JUNE 09	RANGE	FREQUENCY DEC 09	PERCENT DEC 09	PERCENT JUNE 09
Highest	182	185	Dropout	68	3.7%	5.8%
Lowest	13	14	Absent*	3	0.2%	0.3%
Mean	87	87	0-20	11	0.6%	0.4%
Median	86	85	21-40	93	5.2%	5.0%
Mode	100	100	41-60	243	13.5%	12.7%
Std Deviation	31	30	61-80	392	21.8%	22.6%
Distinctions	71	109	81-100	432	24.0%	24.9%
Zeroes	0	0	101-120	310	17.2%	15.8%
Rank	0	1	121-140	167	9.3%	7.5%
Drop Outs	68	104	141-160	65	3.6%	3.7%
Hundreds	78	82	161-180	14	0.8%	1.1%
Nineties	71	109	181-200	2	0.1%	0.2%
Non Serious	190	184		1800	100.0%	100.0%

\* Part absent and withheld

our sample this worked to 68 [LE 104] showing a **drop out** of 4% [LE 6%]. The half way drop out (those who took the exam but did not sit for the afternoon test) was negligible.

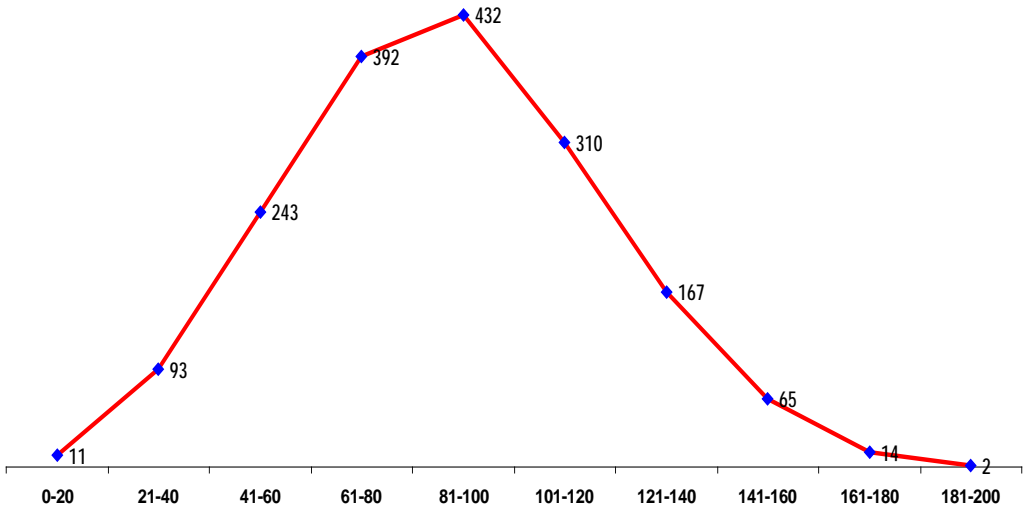
Anyone who takes the exam but scores less than 50 is our definition of the **non-serious candidate**. 190 [LE 184] of the 1696 who took the exam or 11% [LE 10.9%] of the sample were not very serious about their studies.

Only 71 [LE 53] candidates scored more than 150.

The mean and median are close to each other indicating that the sample was not affected by extremes.

A graphical representation of the class interval of marks shows a clean Normal Distribution Curve skewed a shade to the right.

# ANALYSIS CPT DEC 2009 EXAM



One can go on with the analysis but one is reminded of the wise man who said, “Too much of analysis leads to paralysis.”