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THE AMERICAN INSTITUTE OF ACCOUNTANTS
COLLEGE ACCOUNTING TESTING PROGRAM

Bulletin No. 14

RESULTS OF THE
1952 MIDYEAR COLLEGE ACCOUNTING TESTING PROGRAM

January-February, 1952

Prepared by
Committee on Selection of Personnel
21 Audubon Avenue
New York 32, N. Y.

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Committee on Selection of Personnel

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Explanatory Statement

After accounting tests had been made available each fall and each spring for several years in connection with the College Accounting Testing Program, a midyear testing program was introduced in the winter of 1951. The main purpose of this program was to provide test results that might be used in employment interviews of college seniors before the spring results were available. At the same time, the testing of students other than seniors was permitted, even though this was not a part of the recommended midyear program.

The present bulletin reports the results of the second midyear testing program, which was held during the period January 2 to February 2, 1952. Including colleges which administered tests to students other than seniors, the number of colleges participating was fifty, which was the same as the number taking part in the 1951 midyear program.

The total number of tests administered was 2,054, as compared with 2,183 in the preceding midyear program. Interestingly enough, more tests were administered outside the recommended program for seniors than within it. The total number of tests administered to seniors was 843, including 552 Level II Achievement Tests and 291 Orientation Tests. The number of tests administered to seniors was less than two-thirds of the number taken by seniors in the 1951 midyear program, but the number of tests given to other students was larger than the number a year ago. The Orientation Test was taken by 553 first-year students, as compared with 307 in the preceding midyear program, and 658 miscellaneous tests were given, as compared with 564 a year earlier. The miscellaneous group included Achievement Test, Level I, Forms A, B, and C; Achievement Test, Level II; the Orientation Test; and the Strong Vocational Interest Blank. The large majority of these were accounted for by the Level I Achievement Test.

Twenty-six of the fifty colleges returned cards stating whether the testing was on a required or voluntary basis. Of these twenty-six colleges, the testing was required in twenty and was voluntary in six. Two of the six colleges in which the testing was voluntary stated that the groups taking the tests were representative; one thought that the group was high; one said that the group was low; and two did not comment.

The distributions of the scores of the seniors on the Orientation Test, Form C, and the Achievement Test, Level II, Form C, are shown in Tables I through IV. It will be observed that, as one would expect, the February graduates obtained medians that were a little higher than those of the June graduates in verbal score, quantitative score, Orientation Test total score, and Achievement Test score, but there was almost complete overlapping in the distributions for these two groups.

The distributions of the Orientation Test scores of first-year accounting students from fourteen colleges are shown in Table V.

The bulletins issued on the accounting testing program no longer contain comparative charts showing distributions of scores of individual colleges such as were published in earlier bulletins. In lieu of the comparative charts, distributions of median scores of the classes tested in different colleges are shown in the same tables with the general distributions of student scores. Any participating college may obtain from the project office on request a specially marked copy of the bulletin showing the placement of its medians in these distributions.

TABLE I

DISTRIBUTIONS OF VERBAL SCORES OF INDIVIDUAL STUDENTS
AND MEDIAN VERBAL SCORES OF INDIVIDUAL COLLEGES MADE ON
ORIENTATION TEST, FORM C, BY FEBRUARY AND JUNE GRADUATES
IN MIDYEAR PROGRAM, JANUARY-FEBRUARY, 1952

S C O R E S			S C O R E S		
Scores of Individual Students			Median Scores of Individual Colleges		
Score	February Graduates	June Graduates	Score	February Graduates	June Graduates
99-100			99-100		
96			96		
93			93		
90			90		
87			87		
84			84		
81			81		
78			78		
75			75		
72	1		72		
69		1	69		
66	2	1	66		
63	3	1	63		
60	3	1	60		
57	2	2	57		
54	6	2	54	1	
51	4	5	51		
48	7	17	48		
45	8	20	45	1	
42	8	27	42		1
39	10	21	39	2	1
36	12	21	36	1	3
33	7	31	33		1
30	4	21	30		
27	5	16	27	1	1
24	3	9	24		
21	1	6	21		
18			18		
15	1	1	15		
12	1		12		
9			9		
6			6		
3			3		
0-2			0-2		
Total	88	203	Total	6	7
Q3	50.6	44.9			
Md	42.0	38.5	Md	40.5	37.5
Q1	36.0	32.7			
Range	13-72	15-71	Range	28.5- 54.3	28.5- 42.3
10 %ile	28.7	27.8			
90 %ile	60.2	49.7			

TABLE II

DISTRIBUTIONS OF QUANTITATIVE SCORES OF INDIVIDUAL STUDENTS
AND MEDIAN QUANTITATIVE SCORES OF INDIVIDUAL COLLEGES MADE ON
ORIENTATION TEST, FORM C, BY FEBRUARY AND JUNE GRADUATES
IN MIDYEAR PROGRAM, JANUARY-FEBRUARY, 1952

QUANTITATIVE SCORES					
Scores of Individual Students			Median Scores of Individual Colleges		
Score	February Graduates	June Graduates	Score	February Graduates	June Graduates
60			60		
58		1	58		
56	2		56		
54			54		
52	4	2	52		
50	4	2	50		
48	4	6	48		
46	3	5	46		
44	4	4	44		
42	5	12	42	1	
40	7	10	40	1	
38	4	19	38		1
36	13	11	36		
34	1	13	34	1	
32	10	18	32	2	1
30	7	10	30		2
28	4	15	28		1
26	2	11	26		
24	2	16	24		1
22	3	10	22	1	
20	1	10	20		
18	1	13	18		1
16	2	4	16		
14	2	5	14		
12	1	1	12		
10	1	1	10		
8		3	8		
6			6		
4	1		4		
2			2		
0-1		1	0-1		
Total	88	203	Total	6	7
Q3	43.6	39.1			
Md	36.9	32.2	Md	34.0	30.5
Q1	30.6	24.3			
Range	4-57	0-58	Range	23.0-43.5	19.0-38.7
10 %ile	21.6	18.8			
90 %ile	50.6	44.0			

TABLE III

DISTRIBUTIONS OF TOTAL SCORES OF INDIVIDUAL STUDENTS
AND MEDIAN TOTAL SCORES OF INDIVIDUAL COLLEGES MADE ON
ORIENTATION TEST, FORM C, BY FEBRUARY AND JUNE GRADUATES
IN MIDYEAR PROGRAM, JANUARY-FEBRUARY, 1952

TOTAL SCORES					
Scores of Individual Students			Median Scores of Individual Colleges		
Score	February Graduates	June Graduates	Score	February Graduates	June Graduates
160			160		
155			155		
150			150		
145			145		
140			140		
135			135		
130			130		
125		1	125		
120			120		
115	2		115		
110	5	1	110		
105	5		105		
100	3	6	100		
95	2	3	95	1	
90	3	14	90		
85	12	12	85	1	
80	13	16	80		
75	7	24	75	1	2
70	8	24	70	1	1
65	8	17	65	1	2
60	8	30	60		1
55	4	24	55		
50		11	50		
45	1	8	45	1	1
40	3	8	40		
35	1	2	35		
30	2		30		
25	1	2	25		
20			20		
15			15		
10			10		
5			5		
0-4			0-4		
Total	88	203	Total	6	7
Q3	89.2	80.7			
Md	80.4	69.9	Md	75.0	68.8
Q1	66.3	59.1			
Range	29-118	28-125	Range	47.5-96.3	47.5-77.5
10 %ile	56.0	50.1			
90 %ile	108.2	91.7			

TABLE IV

DISTRIBUTIONS OF SCORES OF INDIVIDUAL STUDENTS
AND MEDIAN SCORES OF INDIVIDUAL COLLEGES MADE ON
ACHIEVEMENT TEST, LEVEL II, FORM C, BY FEBRUARY AND JUNE GRADUATES
IN MIDYEAR PROGRAM, JANUARY-FEBRUARY, 1952

A C H I E V E M E N T S C O R E S					
Scores of Individual Students			Median Scores of Individual Colleges		
Score	February Graduates	June Graduates	Score	February Graduates	June Graduates
56			56		
54			54		
52	1	1	52		
50		3	50		
48		2	48		
46	2	1	46		
44	1	6	44		
42	3	3	42		
40	9	10	40		
38	6	11	38	1	
36	7	11	36		2
34	8	9	34	1	
32	8	16	32		1
30	4	13	30		3
28	3	13	28	1	
26	13	28	26		
24	12	24	24	1	
22	12	19	22	2	3
20	10	27	20		1
18	13	15	18	1	1
16	13	30	16	2	1
14	11	11	14		3
12	6	27	12		
10	5	34	10		2
8	5	17	8		
6	5	18	6	1	
4	4	6	4		
2	3	14	2		1
0-1	2	17	0-1		
Total	166	386	Total	10	18
Q3	32.9	28.4	Q3		31.0
Md	23.0	20.3	Md	23.0	22.0
Q1	16.1	11.4	Q1		15.0
Range	0-53	0-52	Range	7.0-39.0	3.3-37.0
10 %ile	9.0	6.2			
90 %ile	39.8	37.7			

TABLE V

DISTRIBUTIONS OF SCORES OF INDIVIDUAL STUDENTS
AND MEDIAN SCORES OF INDIVIDUAL COLLEGES MADE ON
ORIENTATION TEST, FORM C, BY FIRST-YEAR ACCOUNTING STUDENTS
IN MIDYEAR PROGRAM, JANUARY-FEBRUARY, 1952

V E R B A L			Q U A N T I T A T I V E			T O T A L		
Score	Indiv. Students	Medians of Coll.	Score	Indiv. Students	Medians of Coll.	Score	Indiv. Students	Medians of Coll.
99-100								
96						160		
93						155		
90			60			150		
87			58			145		
84			56	1		140		
81			54			135		
78			52	1		130		
75			50	1		125		
72			48	6		120		
69			46	1		115		
66			44	3		110		
63			42	9		105	1	
60	1		40	10		100	2	
57	3		38	20		95		
54	1		36	15		90	3	
51	1		34	23		85	7	
48	3		32	25	2	80	14	
45	6		30	29		75	17	
42	16		28	38		70	32	
39	24		26	31		65	30	1
36	44		24	33	3	60	34	
33	46	1	22	38	1	55	62	2
30	51	2	20	36	3	50	66	4
27	58	4	18	39	2	45	52	3
24	79	3	16	36	2	40	47	
21	58	2	14	41	1	35	56	4
18	49	2	12	31		30	48	
15	44		10	28		25	38	
12	38		8	27		20	20	
9	13		6	12		15	13	
6	10		4	10		10	9	
3	5		2	6		5	1	
0-2	3		0-1	3		0-4	1	
Total	553	14	Total	553	14	Total	553	14
Q3	33.4		Q3	30.4		Q3	60.3	
Md	26.1	27.0	Md	22.4	21.3	Md	49.2	50.0
Q1	19.5		Q1	15.0		Q1	35.7	
Range	0-61	18.0-33.2	Range	0-56	15.3-33.0	Range	3-108	35.0-65.4
10 %ile	13.9		10 %ile	9.8		10 %ile	26.5	
90 %ile	39.0		90 %ile	37.6		90 %ile	73.2	