

APPENDIX-II

MEANS, STANDARD DEVIATION AND CRITICAL RATIOS
OF VARIOUS TEST ITEMS

Item No.	M_1	M_2	$\frac{2}{1}$	$\frac{2}{1}$	Critical Ratio
1a	1.6	.3	1.6	.4	4.7
1b	2.6	2	.6	1.5	2.2
2a	2.9	2.1	.04	1.6	3.1
2b	.8	.2	1.2	.4	2.5
3a	2	1	1.2	1.2	3.3
3b	2.2	1.5	1	1.5	2.2
4a	1.9	.5	1.7	1.1	4
4b	2.4	1.3	1.1	1.9	3.2
5a	2.5	1.6	.7	1.5	3
5b	2.9	2.4	.1	1.2	2.3
6a	2.5	.8	.9	1.1	6
6b	2.4	.6	.9	1	6.4
7a	1.9	.8	1.5	.8	3.6
7b	2.1	.7	.9	1.2	5
8a	2.2	1.3	.6	1.5	3
8b	1.2	.4	1.1	.5	3.1
9a	1.8	1.2	1.1	.4	2.5
9b	1.2	.4	1.2	.3	3.1

Item No.	M_1	M_2	$\frac{2}{1}$	$\frac{2}{1}$	Critical Ratio
10a	1.2	.5	1.1	.9	2.5
10b	2.4	1.7	.7	.7	2.9
11a	2.6	1.2	.7	1.2	5
11b	1.7	.5	1.8	.3	4.3
12a	.8	.04	.9	.002	3.8
12b	2.9	2.3	.1	1.1	2.8
13a	2	1.1	.8	.4	4.1
13b	2.2	1.3	.6	1.5	3
14a	1.6	.8	.8	1.5	3.1
14b	1.8	1.1	1.1	1.1	2.5
15a	1.9	1.1	.8	1.1	2.9
15b	1.5	.8	1.3	.9	2.3
16a	1.8	.7	1.1	1.1	3.6
16b	2.2	1	.8	1	4.3
17a	.9	.4	.9	.3	2.3
17b	2.4	.9	.8	1.1	5.4
18a	2	1	.8	1.1	3.6
18b	2.4	.9	.8	1.1	5.4
19a	.9	.3	1.3	.3	2.5
19b	1.7	.6	.7	.8	4.6
20a	2	1.4	1.2	1	2.1
20b	1.8	.8	.6	.6	4.6

Item No.	M_1	M_2	$\frac{2}{1}$	$\frac{2}{1}$	Critical Ratio
21a	1.9	1	.7	1	3.5
21b	2	1.4	.9	1.2	2.9
22a	1.4	.3	.3	.7	4.2
22b	2.6	2	.6	1.5	2.2
23a	2.8	2.3	.5	.6	2.5
23b	2.5	1.6	.7	1.5	3
24a	2	1.3	1.2	1	2.3
24b	2	.6	1	.7	5.4
25a	1.9	1.4	.9	.3	2.3
25b	1.9	1.2	1.2	.9	2.5
26a	2.1	.4	1.1	1	4.3
26b	2.2	1	.6	.7	5.5
27a	2.6	1.6	.4	1	4.2
27b	1.2	.4	1.1	.5	3.1
28a	1.4	.5	1.6	.6	3
28b	2.2	1.6	.9	1.1	2.2
29a	1.7	.9	1.3	.7	2.9
29b	2.2	1.4	1.6	1	2.1
30a	2.2	1.8	.5	.6	2
30b	2	.4	.7	.7	6.5

PART II

Item No.	M_1	M_2	$\frac{1}{2}$	$\frac{2}{1}$	Critical Ratio
1a	2.2	1.6	.6	.7	2.8
1b	3.3	2.8	1.8	.8	2
1c	2.2	1.4	.6	.9	3.3
1d	2.5	1.3	1.5	.5	4.3
2a	3.6	3.1	.6	.8	2.1
2b	3.1	1.4	.7	1.1	6.1
2c	2.1	1.6	.8	.3	2.5
2d	3.4	1.4	.6	1.5	6.7
3a	2.8	1.6	1	1	4.3
3b	3	2.3	.9	1.6	2.3
3c	3.2	1.9	.8	.9	5
3d	3	2	1.2	1.8	2.9
4a	3.5	3	.3	1.1	2.1
4b	2.8	2.3	.6	1.1	2
4c	2.7	1.7	.9	.6	4.2
4d	2.3	1.4	1.3	.3	3.5
5a	3.4	2.4	.8	1.2	3.6
5b	3.4	1.7	.5	.9	7.1
5c	2.7	2.4	1	.9	2.2
5d	3.4	1.6	.9	1.3	6

Item No.	M_1	M_2	$\frac{2}{1}$	$\frac{2}{1}$	Critical Ratio
6a	2.3	1.2	1.2	.3	4.6
6b	3	1.8	1.2	.5	4.6
6c	3.7	2.9	.8	1.1	2.3
6d	3	1.8	1.2	.6	4.6
7a	3.1	1.7	1.3	1	4.7
7b	2.4	1.4	1.3	.3	3.9
7c	3	1.5	.8	.5	6.8
7d	3.4	2	1.3	1	4.7
8a	2.1	1.6	1.2	.6	2
8b	3.7	2.5	.3	1.1	5
8c	2.8	1.6	.8	.6	5
8d	3	2	.8	1.3	3.6
9a	3.4	2.3	.7	1.7	3.7
9b	3.2	2.1	.7	.4	5
9c	2.3	1.6	.9	.8	2.7
9d	2.8	2	2.7	1.5	2
10a	3.4	2.2	1	1.3	4
10b	3.1	1.6	.8	.5	6.8
10c	2.6	2.1	1.1	.5	2.1
10d	3	1.8	1.1	1.1	4

Item No.	M_1	M_2	σ_1	σ_2	Critical Ratio
11a	3.9	2.5	.4	1.8	4.7
11b	2.8	2.3	.5	.7	2.3
11c	2.9	2	.9	.8	3.5
11d	2.7	1.8	.9	.8	3.5
12a	3.7	2	.2	1	7.7
12b	2.6	1.2	1	.1	6.9
12c	3	2.2	1.1	.8	2.9
12d	3.8	1.8	1.2	1.3	8.3
13a	3.5	1.9	1.2	.4	6.1
13b	2.7	1.8	.5	.8	4.4
13c	2.6	1.8	1.3	1.1	2.7
13d	2.8	1.9	.8	1.2	3.2
14a	2.2	1.5	1.8	.7	2.2
14b	3.6	2.8	.2	1.2	3.1
14c	3.5	2.3	.6	.8	5
14d	2.7	1.9	1.4	.8	2.7
15a	3.4	2.5	.6	1.4	3.2
15b	2.6	2.2	.5	.6	2
15c	3.2	2.5	.9	.9	2.7
15d	2.6	1.3	1.3	.6	4.6

M_1 = Mean of the scores of twentyfive teachers of high score group.

M_2 = Mean of the scores assigned by twentyfive teachers of the low score group.

σ_1 = Standard deviation of M_1 group.

σ_2 = Standard deviation of M_2 group.