Item Analysis Report

MED555 Geriatrics Clerkship Exit Exam

Descriptive Statistics

Number of Candidates:	**166**		Variance:	**4.15**	
Number of Items:	**25**		Standard Deviation:	**2.04**	
			Standard Error of Measurement:	**1.70**	
Min Score:	**14/25**	**(56%)**	Reliability Measurement:	**0.301**	
Max Score:	**25/25**	**(100%)**	Pass Score:	**15/25**	**(60%)**
Mean Score:	**21/25**	**(85%)**	Pass Rate:	**165/166**	**(99%)**

Discrimination/Difficulty Table

PBIS (rows) vs Difficulty Level (columns)

PBIS	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	> 90	TOTAL
> 70											
60-69											
50-59											
40-49								1	1		2
30-39								3		2	5
20-29							2	1	5	1	9
10-19								1	1	3	5
0-9										3	3
< 0										1	1
TOTAL							2	6	7	10	25

Difficulty Level

Pass Rate

	Fail	PM - 2 SEM	PM - 1 SEM	PM + 1 SEM	PM + 2 SEM	Pass
Raw	0	0	1	3	10	152
%	0%	0%	1%	2%	6%	92%

PM = Passing Mark
SEM = Standard Error of Measurement

Frequency Distribution

Score	Freq	%-ile	cum-%
14	1	0.30	0.60
15	2	1.20	1.81
16	1	2.11	2.41
17	4	3.61	4.82
18	6	6.63	8.43
19	12	12.05	15.66
20	27	23.80	31.93
21	25	39.46	46.99
22	38	58.43	69.88
23	30	78.92	87.95
24	16	92.77	97.59
25	4	98.80	100.00

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count 1	2	3	4
HOMER_QUIZ_1043484	2	81%	0.26	2	166	0.16	0	134	4	28
HOMER_QUIZ_1043486	2	86%	0.21	2	166	0.12	0	143	0	23
HOMER_QUIZ_1043479	3	77%	0.31	3	166	0.18	15	13	128	10
HOMER_QUIZ_1043487	3	73%	0.19	3	166	0.19	10	10	122	24
HOMER_QUIZ_1043503	4	93%	0.32	4	166	0.07	8	1	3	154
HOMER_QUIZ_1043480	2	83%	0.21	2	166	0.14	22	137	2	5
HOMER_QUIZ_1043488	4	90%	0.16	4	166	0.09	1	1	14	150
HOMER_QUIZ_1043489	2	95%	0.06	2	166	0.05	0	157	8	1
HOMER_QUIZ_1043490	4	94%	0.38	4	166	0.06	2	1	7	156
HOMER_QUIZ_1043505	4	90%	0.15	4	166	0.09	0	15	1	150
HOMER_QUIZ_1043730	1	99%	-0.10	1	166	0.01	165	0	0	1
HOMER_QUIZ_1043491	3	77%	0.42	3	166	0.18	1	18	128	19
HOMER_QUIZ_1043492	1	80%	0.22	1	166	0.16	132	3	18	13
HOMER_QUIZ_1043493	2	75%	0.38	2	166	0.19	0	124	30	12
HOMER_QUIZ_1043494	3	85%	0.45	3	166	0.13	2	14	141	9
HOMER_QUIZ_1043495	4	87%	0.24	4	166	0.11	7	12	3	144
HOMER_QUIZ_1043731	1	100%	0.00	1	166	0.00	166			
HOMER_QUIZ_1043497	2	98%	0.29	2	166	0.02	2	163	0	1
HOMER_QUIZ_1043498	2	70%	0.40	2	166	0.21	19	117	24	6
HOMER_QUIZ_1043499	4	67%	0.22	4	166	0.22	0	54	0	112
HOMER_QUIZ_1043500	3	85%	0.14	3	166	0.13	4	17	141	4
HOMER_QUIZ_1043504	2	88%	0.29	2	166	0.11	5	146	10	5
HOMER_QUIZ_1043732	3	99%	0.09	3	166	0.01	0	0	165	1
HOMER_QUIZ_1043485	1	92%	0.15	1	166	0.08	152	6	6	2
HOMER_QUIZ_1043502	3	67%	0.22	3	166	0.22	10	24	112	20