Item Analysis Report

MED522 Repro Final

Descriptive Statistics

Number of Candidates:	**161**		Variance:	**25.96**	
Number of Items:	**78**		Standard Deviation:	**5.09**	
			Standard Error of Measurement:	**3.23**	
Min Score:	**41/78**	**(53%)**	Reliability Measurement:	**0.597**	
Max Score:	**69/78**	**(88%)**	Pass Score:	**47/78**	**(60%)**
Mean Score:	**58/78**	**(75%)**	Pass Rate:	**158/161**	**(98%)**

Discrimination/Difficulty Table

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											
30-39						1		3	2	1	7
20-29			1	1	2	3	3	4	8	3	25
10-19	1		2		1	1	1	4	6	16	32
0-9				1	1		2		1	6	11
< 0	1	1								1	3
TOTAL	2	1	3	2	4	5	6	11	17	27	78

Difficulty Level

Pass Rate

	Fail	PM - 2 SEM	PM - 1 SEM	PM + 1 SEM	PM + 2 SEM	Pass
Raw	0	1	2	7	19	132
%	0%	1%	1%	4%	12%	82%

PM = Passing Mark
SEM = Standard Error of Measurement

Frequency Distribution

Score	Freq	%-ile	cum-%
41	1	0.31	0.62
42	0	0.62	0.62
43	0	0.62	0.62
44	0	0.62	0.62
45	2	1.24	1.86
46	0	1.86	1.86
47	1	2.17	2.48
48	2	3.11	3.73
49	1	4.04	4.35
50	3	5.28	6.21
51	4	7.45	8.70
52	2	9.32	9.94
53	13	13.98	18.01
54	10	21.12	24.22
55	11	27.64	31.06
56	6	32.92	34.78
57	10	37.89	40.99
58	4	42.24	43.48
59	13	47.52	51.55
60	20	57.76	63.98
61	18	69.57	75.16
62	11	78.57	81.99
63	6	83.85	85.71
64	5	87.27	88.82
65	5	90.37	91.93
66	5	93.48	95.03
67	4	96.27	97.52
68	2	98.14	98.76
69	2	99.38	100.00

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count 1	2	3	4	5
HOMER_QUIZ_1053484	2	99%	0.12	2	161	0.01	0	159	1	0	1
HOMER_QUIZ_1053485	1	72%	0.27	1	161	0.20	116	8	1	36	
HOMER_QUIZ_1053486	5	70%	0.17	5	161	0.21	22	9	8	9	113
HOMER_QUIZ_1053487	1	88%	0.10	1	161	0.11	141	5	1	14	
HOMER_QUIZ_1053488	1	93%	0.30	1	161	0.07	149	2	0	0	10
HOMER_QUIZ_1053489	3	88%	0.36	3	161	0.11	6	12	141	1	1
HOMER_QUIZ_1053490	4	39%	0.23	4	161	0.24	3	5	52	62	39
HOMER_QUIZ_1053491	4	83%	0.21	4	161	0.14	11	1	12	134	3
HOMER_QUIZ_1053492	1	87%	0.24	1	161	0.11	140	6	10	4	1
HOMER_QUIZ_1053493	1	77%	0.32	1	161	0.18	124	32	1	0	4
HOMER_QUIZ_1053494	3	88%	0.22	3	161	0.11	11	8	141	1	
HOMER_QUIZ_1053495	4	80%	0.32	4	161	0.16	22	0	10	129	
HOMER_QUIZ_1053496	1	65%	0.21	1	161	0.23	105	0	45	3	8
HOMER_QUIZ_1053497	3	70%	0.24	3	161	0.21	0	37	113	9	2
HOMER_QUIZ_1053498	1	100%	0.00	1	161	0.00	161				
HOMER_QUIZ_1053499	3	84%	0.23	3	161	0.13	7	2	136	2	14
HOMER_QUIZ_1053500	4	35%	0.05	4	161	0.23	45	36	24	56	
HOMER_QUIZ_1053501	3	27%	0.26	4	161	0.20	2	8	43	108	
HOMER_QUIZ_1053502	2	82%	0.13	2	161	0.15	4	132	24	1	
HOMER_QUIZ_1053503	3	6%	0.14	2	161	0.05	16	75	9	11	50
HOMER_QUIZ_1053504	3	4%	-0.03	2	161	0.04	20	83	6	1	51
HOMER_QUIZ_1053505	3	23%	0.18	5	161	0.18	0	29	37	20	75
HOMER_QUIZ_1053506	2	81%	0.22	2	161	0.15	15	131	14	1	
HOMER_QUIZ_1053507	1	98%	0.14	1	161	0.02	157	0	0	1	3
HOMER_QUIZ_1053508	3	93%	0.03	3	161	0.06	3	1	150	1	6
HOMER_QUIZ_1053509	2	90%	0.10	2	161	0.09	11	145	0	5	
HOMER_QUIZ_1053510	4	85%	0.11	4	161	0.13	10	1	13	137	
HOMER_QUIZ_1053511	5	99%	-0.01	5	161	0.01	1	0	0	0	160
HOMER_QUIZ_1053512	3	91%	0.18	3	161	0.08	0	11	146	2	2
HOMER_QUIZ_1053513	2	91%	0.11	2	161	0.08	2	146	11	2	
HOMER_QUIZ_1053514	4	85%	0.18	4	161	0.13	2	12	10	137	
HOMER_QUIZ_1053515	2	58%	0.32	2	161	0.24	12	93	13	43	
HOMER_QUIZ_1053516	4	49%	0.22	4	161	0.25	11	2	6	79	63
HOMER_QUIZ_1053517	2	91%	0.22	2	161	0.08	0	146	5	0	10
HOMER_QUIZ_1053519	2	61%	0.25	2	161	0.24	42	99	4	16	
HOMER_QUIZ_1053520	2	61%	0.23	2	161	0.24	2	98	12	49	
HOMER_QUIZ_1053521	4	78%	0.33	4	161	0.17	0	30	6	125	
HOMER_QUIZ_1053522	4	58%	0.27	4	161	0.24	34	21	9	93	4
HOMER_QUIZ_1053523	4	98%	0.16	4	161	0.02	4	0	0	157	
HOMER_QUIZ_1053524	3	96%	0.16	3	161	0.04	1	1	155	1	3
HOMER_QUIZ_1053525	1	96%	0.19	1	161	0.04	154	4	2	0	1
HOMER_QUIZ_1053526	2	88%	0.08	2	161	0.10	5	142	2	4	8
HOMER_QUIZ_1053527	4	83%	0.14	4	161	0.14	7	16	3	133	2
HOMER_QUIZ_1053528	5	99%	0.06	5	161	0.01	0	0	1	1	159
HOMER_QUIZ_1053529	4	27%	0.15	1	161	0.20	112	1	4	44	
HOMER_QUIZ_1053530	3	71%	0.14	3	161	0.21	12	7	114	28	
HOMER_QUIZ_1053531	5	44%	0.10	5	161	0.25	52	3	33	2	71
HOMER_QUIZ_1053532	2	87%	0.17	2	161	0.11	2	140	16	0	3
HOMER_QUIZ_1053533	4	94%	0.17	4	161	0.05	0	0	9	152	
HOMER_QUIZ_1053534	5	71%	0.32	5	161	0.20	13	26	6	1	115
HOMER_QUIZ_1053535	4	78%	0.20	4	161	0.17	10	5	8	126	12
HOMER_QUIZ_1053536	2	94%	0.25	2	161	0.05	0	152	9		

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count 1	2	3	4	5
HOMER_QUIZ_1053537	3	54%	0.16	3	161	0.25	4	34	87	20	16
HOMER_QUIZ_1053538	4	60%	0.20	4	161	0.24	14	9	38	96	4
HOMER_QUIZ_1053539	4	91%	0.17	4	161	0.08	0	0	0	147	14
HOMER_QUIZ_1053540	1	93%	0.18	1	161	0.06	150	4	4	0	3
HOMER_QUIZ_1053541	2	83%	0.24	2	161	0.14	4	134	20	3	
HOMER_QUIZ_1053542	4	94%	0.19	4	161	0.06	0	0	10	151	
HOMER_QUIZ_1053543	2	62%	0.10	2	161	0.24	21	100	7	30	3
HOMER_QUIZ_1053544	4	64%	0.10	4	161	0.23	7	18	28	103	5
HOMER_QUIZ_1053545	3	57%	0.23	3	161	0.25	3	35	91	29	3
HOMER_QUIZ_1053546	2	43%	0.15	2	161	0.25	68	70	12	11	
HOMER_QUIZ_1053547	1	74%	0.26	1	161	0.19	119	6	1	35	
HOMER_QUIZ_1053548	1	17%	-0.00	4	161	0.14	27	15	14	105	
HOMER_QUIZ_1053549	4	86%	0.22	4	161	0.12	19	4	0	138	
HOMER_QUIZ_1053550	4	94%	0.10	4	161	0.06	8	0	2	151	
HOMER_QUIZ_1053551	1	92%	0.11	1	161	0.07	148	10	1	2	
HOMER_QUIZ_1053555	3	96%	0.14	3	161	0.04	3	1	154	2	1
HOMER_QUIZ_1053556	2	96%	0.16	2	161	0.04	3	155	2	1	
HOMER_QUIZ_1053557	4	80%	0.12	4	161	0.16	17	13	3	128	
HOMER_QUIZ_1053558	3	90%	0.17	3	161	0.09	11	0	145	5	
HOMER_QUIZ_1053563	2	91%	0.24	2	161	0.08	5	147	9		
HOMER_QUIZ_1053564	4	88%	0.23	4	161	0.10	19	0	0	142	
HOMER_QUIZ_1053552	2	100%	0.00	2	161	0.00	0	161			
HOMER_QUIZ_1053553	1	43%	0.29	1	161	0.24	69	20	1	22	49
HOMER_QUIZ_1053554	3	99%	0.02	3	161	0.01	0	0	160	0	1
HOMER_QUIZ_1053559	2	65%	0.09	2	161	0.23	2	105	2	50	2
HOMER_QUIZ_1053560	4	71%	0.27	4	161	0.21	23	9	0	114	15