

Item Analysis Report

MED540 Comprehensive Exam Part 2

Descriptive Statistics

Number of Candidates:	172	Variance:	38.27
Number of Items:	73	Standard Deviation:	6.19
		Standard Error of Measurement:	3.67
Min Score:	32/73 (44%)	Reliability Measurement:	0.647
Max Score:	65/73 (89%)	Pass Score:	37/73 (50%)
Mean Score:	50/73 (68%)	Pass Rate:	171/172 (99%)

Discrimination/Difficulty Table

PBIS	> 70											
	60-69											
	50-59											
	40-49						1				1	
	30-39				1	1	3		1		6	
	20-29		1	1	3	7	3	10	5	1	31	
	10-19	1		1	3	4	3	2	3	4	21	
	0-9		1				2	2	7	2	14	
	< 0											
	TOTAL	1	2	2	7	12	12	14	16	7	73	
		0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	> 90	TOTAL
Difficulty Level												

Pass Rate

	Fail	PM - 2 SEM	PM - 1 SEM	PM + 1 SEM	PM + 2 SEM	Pass
Raw	0	1	0	11	13	147
%	0%	1%	0%	6%	8%	85%

PM = Passing Mark
SEM = Standard Error of Measurement

Frequency Distribution

Score	Freq	%-ile	cum-%
32	1	0.29	0.58
33	0	0.58	0.58
34	0	0.58	0.58
35	0	0.58	0.58
36	0	0.58	0.58
37	2	1.16	1.74
38	2	2.33	2.91
39	5	4.36	5.81
40	2	6.40	6.98
41	4	8.14	9.30
42	5	10.76	12.21
43	4	13.37	14.53
44	6	16.28	18.02
45	7	20.06	22.09
46	10	25.00	27.91
47	13	31.69	35.47
48	13	39.24	43.02
49	17	47.97	52.91
50	16	57.56	62.21
51	5	63.66	65.12
52	5	66.57	68.02
53	6	69.77	71.51
54	12	75.00	78.49
55	2	79.07	79.65
56	6	81.40	83.14
57	5	84.59	86.05
58	6	87.79	89.53
59	5	90.99	92.44
60	4	93.60	94.77
61	5	96.22	97.67
62	2	98.26	98.84
63	1	99.13	99.42
64	0	99.42	99.42
65	1	99.71	100.00

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count			
							1	2	3	4
HOMER_QUIZ_1050240	3	59%	0.25	3	172	0.24	0	3	102	67
HOMER_QUIZ_1050241	3	52%	0.18	3	172	0.25	73	5	90	4
HOMER_QUIZ_1050242	3	61%	0.26	3	172	0.24	37	7	105	23
HOMER_QUIZ_1050243	1	81%	0.04	1	172	0.15	140	6	26	
HOMER_QUIZ_1050244	2	75%	0.23	2	172	0.19	13	129	4	26
HOMER_QUIZ_1050245	3	17%	0.16	4	172	0.14	38	47	30	57
HOMER_QUIZ_1050246	1	50%	0.24	1	172	0.25	86	0	55	31
HOMER_QUIZ_1050247	1	49%	0.15	1	172	0.25	85	3	82	2
HOMER_QUIZ_1050248	1	88%	0.21	1	172	0.11	151	17	3	1
HOMER_QUIZ_1050249	4	85%	0.03	4	172	0.12	0	1	24	147
HOMER_QUIZ_1050250	3	81%	0.27	3	172	0.15	4	7	140	21
HOMER_QUIZ_1050251	1	27%	0.05	3	172	0.20	46	5	92	29
HOMER_QUIZ_1050252	2	92%	0.12	2	172	0.07	5	159	1	7
HOMER_QUIZ_1050253	3	85%	0.00	3	172	0.12	14	5	147	6
HOMER_QUIZ_1050254	4	74%	0.27	4	172	0.19	0	1	43	128
HOMER_QUIZ_1050255	1	68%	0.41	1	172	0.22	117	5	50	
HOMER_QUIZ_1050256	3	39%	0.12	3	172	0.24	40	3	67	62
HOMER_QUIZ_1050257	3	82%	0.38	3	172	0.15	2	24	141	5
HOMER_QUIZ_1050258	2	90%	0.21	2	172	0.09	7	154	9	2
HOMER_QUIZ_1050259	4	72%	0.29	4	172	0.20	5	34	9	124
HOMER_QUIZ_1050260	2	33%	0.27	4	172	0.22	2	57	41	72
HOMER_QUIZ_1050261	3	70%	0.20	3	172	0.21	52	0	120	
HOMER_QUIZ_1050262	3	81%	0.11	3	172	0.16	15	11	139	7
HOMER_QUIZ_1050263	3	54%	0.28	3	172	0.25	7	7	93	65
HOMER_QUIZ_1050264	1	50%	0.25	1	172	0.25	86	73	11	2
HOMER_QUIZ_1050265	4	73%	0.28	4	172	0.20	1	1	44	126
HOMER_QUIZ_1050266	4	74%	0.24	4	172	0.19	5	10	29	128
HOMER_QUIZ_1050267	3	72%	0.25	3	172	0.20	1	24	124	23
HOMER_QUIZ_1050268	3	51%	0.12	3	172	0.25	7	18	87	60
HOMER_QUIZ_1050269	1	100%	0.00	1	172	0.00	172			
HOMER_QUIZ_1050270	3	58%	0.26	3	172	0.24	18	43	100	11
HOMER_QUIZ_1050271	3	65%	0.15	3	172	0.23	3	19	112	38
HOMER_QUIZ_1050272	4	70%	0.28	4	172	0.21	32	1	19	120
HOMER_QUIZ_1050273	1	87%	0.01	1	172	0.12	149	4	17	2
HOMER_QUIZ_1050274	2	77%	0.27	2	172	0.18	23	133	4	12
HOMER_QUIZ_1050275	2	66%	0.32	2	172	0.23	5	113	6	48
HOMER_QUIZ_1050276	1	71%	0.16	1	172	0.21	122	16	23	11
HOMER_QUIZ_1050277	1	83%	0.24	1	172	0.14	142	0	30	
HOMER_QUIZ_1050278	1	52%	0.22	1	172	0.25	89	36	30	17
HOMER_QUIZ_1050279	2	48%	0.36	1	172	0.25	86	83	0	3
HOMER_QUIZ_1050280	4	72%	0.27	4	172	0.20	1	3	44	124
HOMER_QUIZ_1050281	1	43%	0.26	1	172	0.25	74	44	8	46
HOMER_QUIZ_1050282	3	77%	0.01	3	172	0.18	5	33	132	2
HOMER_QUIZ_1050283	4	60%	0.15	4	172	0.24	5	7	57	103
HOMER_QUIZ_1050284	3	58%	0.32	3	172	0.24	29	37	99	7
HOMER_QUIZ_1050285	1	83%	0.13	1	172	0.14	143	17	10	2
HOMER_QUIZ_1050286	3	83%	0.29	3	172	0.14	3	22	142	5
HOMER_QUIZ_1050287	4	77%	0.05	4	172	0.18	20	4	16	132
HOMER_QUIZ_1050288	2	84%	0.02	2	172	0.13	5	145	2	20
HOMER_QUIZ_1050289	3	65%	0.34	3	172	0.23	20	24	112	16
HOMER_QUIZ_1050290	4	65%	0.35	4	172	0.23	9	33	19	111
HOMER_QUIZ_1050291	1	63%	0.08	1	172	0.23	109	27	12	24

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count			
							1	2	3	4
HOMER_QUIZ_1050292	3	58%	0.28	3	172	0.24	29	4	100	39
HOMER_QUIZ_1050293	1	70%	0.15	1	172	0.21	120	12	39	1
HOMER_QUIZ_1050294	4	72%	0.28	4	172	0.20	31	3	15	123
HOMER_QUIZ_1050295	2	67%	0.10	2	172	0.22	18	116	6	32
HOMER_QUIZ_1050296	3	94%	0.14	3	172	0.05	2	4	162	4
HOMER_QUIZ_1050297	1	83%	0.04	1	172	0.14	143	18	7	4
HOMER_QUIZ_1050298	4	28%	0.22	3	172	0.20	3	19	102	48
HOMER_QUIZ_1050299	3	59%	0.17	3	172	0.24	8	38	101	25
HOMER_QUIZ_1050300	4	45%	0.16	3	172	0.25	9	5	81	77
HOMER_QUIZ_1050301	2	95%	0.08	2	172	0.05	3	163	5	1
HOMER_QUIZ_1050302	4	49%	0.21	4	172	0.25	14	6	68	84
HOMER_QUIZ_1050303	2	46%	0.22	4	172	0.25	0	79	9	84
HOMER_QUIZ_1050304	3	85%	0.07	3	172	0.13	1	6	146	19
HOMER_QUIZ_1050305	2	67%	0.24	2	172	0.22	18	115	29	10
HOMER_QUIZ_1050306	3	77%	0.19	3	172	0.18	8	32	132	
HOMER_QUIZ_1050307	3	95%	0.20	3	172	0.04	3	4	164	1
HOMER_QUIZ_1050308	2	94%	0.18	2	172	0.05	7	162	3	
HOMER_QUIZ_1050309	4	72%	0.28	4	172	0.20	40	9	0	123
HOMER_QUIZ_1050310	3	49%	0.11	3	172	0.25	57	16	84	15
HOMER_QUIZ_1050311	1	92%	0.18	1	172	0.07	159	12	1	
HOMER_QUIZ_1050312	3	88%	0.17	3	172	0.10	4	7	152	9