

# Item Analysis Report

MED520 Preclin Comp Exam

## Descriptive Statistics

Number of Candidates:	166	Variance:	43.03
Number of Items:	105	Standard Deviation:	6.56
		Standard Error of Measurement:	3.76
Min Score:	61/105 (58%)	Reliability Measurement:	0.671
Max Score:	96/105 (91%)	Pass Score:	58/105 (55%)
Mean Score:	81/105 (77%)	Pass Rate:	166/166 (100%)

## Discrimination/Difficulty Table

PBIS	> 70											
	60-69											
	50-59											
	40-49				1						1	
	30-39				1	2	1	3	4	7	18	
	20-29		1	1		1	2	3	6	4	4	22
	10-19				2	1	4	3	3	10	10	33
	0-9					3	2	3	2	3	12	25
	< 0									1	4	5
	TOTAL		1	1	2	7	10	10	14	22	37	105
		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	0	0	1	3	162
%	0%	0%	0%	1%	2%	98%

PM = Passing Mark  
SEM = Standard Error of Measurement

## Frequency Distribution

Score	Freq	%-ile	cum-%
61	1	0.30	0.60
62	0	0.60	0.60
63	2	1.20	1.81
64	0	1.81	1.81
65	1	2.11	2.41
66	0	2.41	2.41
67	1	2.71	3.01
68	1	3.31	3.61
69	2	4.22	4.82
70	4	6.02	7.23
71	4	8.43	9.64
72	3	10.54	11.45
73	2	12.05	12.65
74	4	13.86	15.06
75	5	16.57	18.07
76	9	20.78	23.49
77	7	25.60	27.71
78	8	30.12	32.53
79	13	36.45	40.36
80	10	43.37	46.39
81	11	49.70	53.01
82	8	55.42	57.83
83	9	60.54	63.25
84	12	66.87	70.48
85	6	72.29	74.10
86	10	77.11	80.12
87	9	82.83	85.54
88	5	87.05	88.55
89	8	90.96	93.37
90	2	93.98	94.58
91	3	95.48	96.39
92	0	96.39	96.39
93	2	96.99	97.59
94	2	98.19	98.80
95	1	99.10	99.40
96	1	99.70	100.00

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count					
							1	2	3	4	5	6
HOMER_QUIZ_1051610	1	99%	0.24	1	166	0.01	165	0	0	1		
HOMER_QUIZ_1051619	2	60%	0.24	2	166	0.24	64	100	1	1		
HOMER_QUIZ_1051601	3	55%	0.20	3	166	0.25	44	21	91	10		
HOMER_QUIZ_1051620	3	47%	0.13	3	166	0.25	20	56	78	12		
HOMER_QUIZ_1051626	3	73%	0.37	3	166	0.20	11	8	121	26		
HOMER_QUIZ_1051627	3	89%	0.11	3	166	0.10	9	9	147	1		
HOMER_QUIZ_1051621	1	93%	0.12	1	166	0.07	154	5	2	5		
HOMER_QUIZ_1051622	3	89%	0.13	3	166	0.10	14	4	147	1		
HOMER_QUIZ_1051623	3	61%	0.34	3	166	0.24	4	0	101	61		
HOMER_QUIZ_1051624	1	43%	0.41	1	166	0.24	71	45	46	4		
HOMER_QUIZ_1051625	2	77%	0.16	2	166	0.18	18	128	5	15		
HOMER_QUIZ_1051555	3	80%	0.30	3	166	0.16	30	4	132			
HOMER_QUIZ_1051556	5	67%	0.16	5	166	0.22	0	0	16	39	111	
HOMER_QUIZ_1051557	4	91%	0.34	4	166	0.08	11	1	2	151	1	
HOMER_QUIZ_1051571	4	83%	0.07	4	166	0.14	6	1	16	138	5	
HOMER_QUIZ_1051558	5	93%	0.13	5	166	0.06	3	6	1	1	155	
HOMER_QUIZ_1051628	3	94%	0.11	3	166	0.06	8	0	156	2		
HOMER_QUIZ_1051559	4	84%	0.27	4	166	0.13	3	0	23	140		
HOMER_QUIZ_1051629	2	42%	0.09	2	166	0.24	51	69	23	23		
HOMER_QUIZ_1051630	3	53%	0.10	3	166	0.25	0	78	88			
HOMER_QUIZ_1051560	1	75%	0.27	1	166	0.19	125	36	1	4		
HOMER_QUIZ_1051561	4	60%	0.14	4	166	0.24	1	38	27	100		
HOMER_QUIZ_1051562	1	19%	0.20	3	166	0.15	31	3	126	6		
HOMER_QUIZ_1051572	4	64%	0.21	4	166	0.23	20	11	28	107		
HOMER_QUIZ_1051602	3	83%	0.31	3	166	0.14	5	21	137	3		
HOMER_QUIZ_1051553	2	45%	0.24	2	166	0.25	70	74	18	4		
HOMER_QUIZ_1051603	4	55%	0.08	4	166	0.25	5	12	58	91		
HOMER_QUIZ_1051563	4	96%	0.06	4	166	0.03	0	5	1	160		
HOMER_QUIZ_1051642	4	29%	0.28	3	166	0.21	29	36	53	48		
HOMER_QUIZ_1051573	4	58%	0.32	4	166	0.24	8	21	40	97		
HOMER_QUIZ_1051643	4	98%	0.16	4	166	0.02	0	3	1	162		
HOMER_QUIZ_1051605	4	90%	0.19	4	166	0.09	0	4	6	149	7	
HOMER_QUIZ_1051565	3	52%	0.18	3	166	0.25	68	7	86	5		
HOMER_QUIZ_1051566	1	77%	0.36	1	166	0.18	127	9	6	24		
HOMER_QUIZ_1051567	3	96%	0.38	3	166	0.03	1	2	160	2	1	
HOMER_QUIZ_1051574	2	95%	0.07	2	166	0.05	3	158	0	5		
HOMER_QUIZ_1051575	2	96%	0.32	2	166	0.03	3	160	1	2		
HOMER_QUIZ_1051631	5	73%	0.05	5	166	0.20	18	20	4	3	121	
HOMER_QUIZ_1051632	1	69%	0.27	1	166	0.21	115	25	22	4		
HOMER_QUIZ_1051576	3	100%	0.00	3	166	0.00	0	0	166			
HOMER_QUIZ_1051633	2	82%	0.30	2	166	0.15	19	136	0	11		
HOMER_QUIZ_1051606	2	96%	0.39	2	166	0.04	4	159	0	3		
HOMER_QUIZ_1051634	2	41%	0.09	1	166	0.24	97	68	1			
HOMER_QUIZ_1051568	2	87%	0.16	2	166	0.11	22	144				
HOMER_QUIZ_1051569	1	97%	0.11	1	166	0.03	161	2	2	1		
HOMER_QUIZ_1051570	4	95%	0.23	4	166	0.05	1	1	6	158		
HOMER_QUIZ_1051577	3	91%	0.33	3	166	0.08	12	1	151	2		
HOMER_QUIZ_1051644	3	75%	0.29	3	166	0.19	8	27	124	5	2	
HOMER_QUIZ_1051578	2	77%	0.25	2	166	0.18	0	128	25	12	1	
HOMER_QUIZ_1051608	5	69%	0.03	5	166	0.21	5	11	12	23	115	
HOMER_QUIZ_1051645	5	57%	0.27	5	166	0.25	33	20	12	7	94	
HOMER_QUIZ_1051609	4	87%	0.30	4	166	0.11	0	3	0	145	18	

## Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count					
							1	2	3	4	5	6
HOMER_QUIZ_1051635	2	95%	0.10	2	166	0.05	1	158	7			
HOMER_QUIZ_1051580	4	52%	0.35	4	166	0.25	0	77	3	86		
HOMER_QUIZ_1051581	1	95%	0.04	1	166	0.05	158	8				
HOMER_QUIZ_1051582	3	98%	0.16	3	166	0.02	1	0	162	3		
HOMER_QUIZ_1051583	1	55%	0.05	1	166	0.25	92	23	0	51		
HOMER_QUIZ_1051592	2	51%	0.14	2	166	0.25	12	85	5	64		
HOMER_QUIZ_1051595	4	79%	0.23	4	166	0.17	2	25	8	131		
HOMER_QUIZ_1051596	1	98%	0.10	1	166	0.02	163	0	0	3		
HOMER_QUIZ_1051611	5	90%	0.03	5	166	0.09	2	11	3	0	150	
HOMER_QUIZ_1051612	1	96%	0.11	1	166	0.03	160	0	4	0	2	
HOMER_QUIZ_1051584	4	95%	0.01	4	166	0.05	0	3	6	157		
HOMER_QUIZ_1051585	5	67%	0.06	5	166	0.22	3	45	6	1	111	
HOMER_QUIZ_1051586	4	92%	-0.10	4	166	0.08	0	13	1	152		
HOMER_QUIZ_1051646	3	83%	0.21	3	166	0.14	0	26	137	2	1	
HOMER_QUIZ_1051545	1	49%	0.37	1	166	0.25	82	46	31	7		
HOMER_QUIZ_1051647	5	84%	0.33	5	166	0.14	1	2	3	21	139	
HOMER_QUIZ_1051590	1	91%	0.25	1	166	0.08	151	10	5			
HOMER_QUIZ_1051648	3	89%	0.17	3	166	0.10	17	1	147	1		
HOMER_QUIZ_1051613	2	87%	0.09	2	166	0.11	1	145	1	19		
HOMER_QUIZ_1051641	3	71%	0.30	3	166	0.21	0	18	118	30		
HOMER_QUIZ_1051591	4	82%	0.27	4	166	0.15	25	4	1	136		
HOMER_QUIZ_1051597	1	81%	0.12	1	166	0.16	134	23	4	5		
HOMER_QUIZ_1051614	4	100%	0.00	4	166	0.00	0	0	0	166		
HOMER_QUIZ_1051615	4	73%	0.26	4	166	0.20	22	1	22	121		
HOMER_QUIZ_1051616	2	80%	0.15	2	166	0.16	28	133	4	1		
HOMER_QUIZ_1051617	4	73%	0.16	4	166	0.20	18	23	4	121		
HOMER_QUIZ_1051598	3	49%	0.10	3	166	0.25	76	0	81	9		
HOMER_QUIZ_1051599	2	55%	0.10	2	166	0.25	2	92	27	41	1	3
HOMER_QUIZ_1051618	3	33%	0.11	1	166	0.22	94	12	54	6		
HOMER_QUIZ_1051600	5	61%	0.05	5	166	0.24	2	8	1	54	101	
HOMER_QUIZ_1051535	4	63%	0.18	4	166	0.23	32	5	25	104		
HOMER_QUIZ_1051536	2	99%	-0.03	2	166	0.01	1	164	1			
HOMER_QUIZ_1051537	1	86%	0.27	1	166	0.12	142	2	1	21		
HOMER_QUIZ_1051547	3	75%	0.17	3	166	0.19	42	0	124			
HOMER_QUIZ_1051538	1	80%	0.08	1	166	0.16	132	4	24	6		
HOMER_QUIZ_1051640	1	96%	0.07	1	166	0.04	159	0	4	3		
HOMER_QUIZ_1051539	4	81%	0.14	4	166	0.15	0	16	15	135		
HOMER_QUIZ_1051588	2	88%	0.18	2	166	0.11	8	146	7	5		
HOMER_QUIZ_1051540	2	90%	0.06	2	166	0.09	8	149	1	8		
HOMER_QUIZ_1051589	4	91%	0.34	4	166	0.08	10	4	1	151		
HOMER_QUIZ_1051638	4	92%	0.23	4	166	0.08	2	7	1	152	4	
HOMER_QUIZ_1051548	5	99%	-0.05	5	166	0.01	0	0	2	0	164	
HOMER_QUIZ_1051541	2	98%	0.16	2	166	0.02	2	163	0	1		
HOMER_QUIZ_1051549	4	37%	0.12	1	166	0.23	104	0	0	62		
HOMER_QUIZ_1051542	2	87%	0.18	2	166	0.11	0	144	18	1	1	2
HOMER_QUIZ_1051543	4	98%	0.32	4	166	0.02	2	1	0	163		
HOMER_QUIZ_1051544	2	90%	0.02	2	166	0.09	6	150	3	7		
HOMER_QUIZ_1051639	2	100%	0.00	2	166	0.00	0	166				
HOMER_QUIZ_1051550	0	0%	N/A	1	166	0.00	76	11	5	74		
HOMER_QUIZ_1051649	2	87%	-0.07	2	166	0.11	9	144	6	7		
HOMER_QUIZ_1051637	5	100%	0.00	5	166	0.00	0	0	0	0	166	
HOMER_QUIZ_1051593	1	96%	-0.03	1	166	0.03	160	3	0	3		

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count					
							1	2	3	4	5	6
HOMER_QUIZ_1051594	3	95%	0.09	3	166	0.05	0	6	158	2		