

# Item Analysis Report

MED546 Medicine Clerkship Exit Exam 1

## Descriptive Statistics

Number of Candidates:	25	Variance:	24.10
Number of Items:	70	Standard Deviation:	4.91
		Standard Error of Measurement:	3.33
Min Score:	39/70 (56%)	Reliability Measurement:	0.540
Max Score:	60/70 (86%)	Pass Score:	43/70 (62%)
Mean Score:	49/70 (70%)	Pass Rate:	22/25 (88%)

## Discrimination/Difficulty Table

PBIS	> 70											
	60-69								1		1	
	50-59							1	1		2	
	40-49					2	1		3	1	7	
	30-39			2		1	3	2	2		10	
	20-29		1				4	3	1	2	11	
	10-19						2	2	2	3	9	
	0-9			1		1	2	1	3	3	18	
	< 0			2	1	3		1	1	2	11	
	TOTAL		1	3	3	4	5	12	12	15	14	70
		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	2	4	8	10
%	0%	4%	8%	16%	32%	40%

PM = Passing Mark  
SEM = Standard Error of Measurement

## Frequency Distribution

Score	Freq	%-ile	cum-%
39	1	2.00	4.00
40	0	4.00	4.00
41	0	4.00	4.00
42	1	6.00	8.00
43	1	10.00	12.00
44	2	16.00	20.00
45	2	24.00	28.00
46	0	28.00	28.00
47	1	30.00	32.00
48	3	38.00	44.00
49	3	50.00	56.00
50	1	58.00	60.00
51	1	62.00	64.00
52	2	68.00	72.00
53	3	78.00	84.00
54	1	86.00	88.00
55	0	88.00	88.00
56	1	90.00	92.00
57	1	94.00	96.00
58	0	96.00	96.00
59	0	96.00	96.00
60	1	98.00	100.00

## Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count				
							1	2	3	4	5
HOMER_Quiz_1043748	3	56%	0.06	3	25	0.25	0	2	14	9	
HOMER_Quiz_1043796	4	48%	-0.18	4	25	0.25	7	6	0	12	
HOMER_Quiz_1043797	2	100%	0.00	2	25	0.00	0	25			
HOMER_Quiz_1043747	2	64%	0.41	2	25	0.23	0	16	8	1	
HOMER_Quiz_1043750	4	76%	0.03	4	25	0.18	5	1	0	19	
HOMER_Quiz_1043818	1	32%	-0.07	2	25	0.22	8	13	2	2	
HOMER_Quiz_1043803	1	76%	-0.11	1	25	0.18	19	0	3	3	
HOMER_Quiz_1043804	4	100%	0.00	4	25	0.00	0	0	0	25	
HOMER_Quiz_1043751	2	96%	0.18	2	25	0.04	0	24	0	1	
HOMER_Quiz_1043752	3	84%	0.31	3	25	0.13	0	4	21		
HOMER_Quiz_1043805	2	88%	0.19	2	25	0.11	0	22	3		
HOMER_Quiz_1043784	2	80%	-0.02	2	25	0.16	1	20	4		
HOMER_Quiz_1043753	4	60%	0.06	4	25	0.24	0	1	9	15	
HOMER_Quiz_1043806	1	52%	0.03	1	25	0.25	13	10	1	1	
HOMER_Quiz_1043798	3	76%	0.60	3	25	0.18	4	1	19	1	
HOMER_Quiz_1043754	2	76%	0.07	2	25	0.18	4	19	1	1	
HOMER_Quiz_1043807	4	48%	0.05	4	25	0.25	5	1	7	12	
HOMER_Quiz_1043808	3	76%	0.26	3	25	0.18	4	2	19		
HOMER_Quiz_1043785	4	100%	0.00	4	25	0.00	0	0	0	25	
HOMER_Quiz_1043755	3	100%	0.00	3	25	0.00	0	0	25		
HOMER_Quiz_1043799	1	92%	0.46	1	25	0.07	23	0	1	1	
HOMER_Quiz_1043786	2	88%	0.54	2	25	0.11	2	22	0	1	
HOMER_Quiz_1043787	2	88%	0.44	2	25	0.11	1	22	2		
HOMER_Quiz_1043756	4	56%	0.49	4	25	0.25	10	1	0	14	
HOMER_Quiz_1043757	3	48%	-0.03	3	25	0.25	2	1	12	10	
HOMER_Quiz_1043758	3	72%	0.27	3	25	0.20	5	1	18	1	
HOMER_Quiz_1043800	1	100%	0.00	1	25	0.00	25				
HOMER_Quiz_1043759	3	64%	0.12	3	25	0.23	7	0	16	2	
HOMER_Quiz_1043760	2	80%	0.15	2	25	0.16	0	20	2	3	
HOMER_Quiz_1043761	3	32%	0.37	4	25	0.22	2	0	8	15	
HOMER_Quiz_1043788	2	84%	0.22	2	25	0.13	3	21	1		
HOMER_Quiz_1043789	4	92%	-0.23	4	25	0.07	0	1	1	23	
HOMER_Quiz_1043762	2	64%	0.27	2	25	0.23	0	16	7	2	
HOMER_Quiz_1043763	2	80%	0.43	2	25	0.16	2	20	3		
HOMER_Quiz_1043764	1	72%	0.39	1	25	0.20	18	2	3	2	
HOMER_Quiz_1043790	4	28%	-0.03	2	25	0.20	2	16	0	7	
HOMER_Quiz_1043765	1	20%	0.10	4	25	0.16	5	8	3	9	
HOMER_Quiz_1043766	4	68%	0.33	4	25	0.22	4	2	2	17	
HOMER_Quiz_1043767	3	72%	0.10	3	25	0.20	6	0	18	1	
HOMER_Quiz_1043768	1	84%	-0.00	1	25	0.13	21	1	3		
HOMER_Quiz_1043769	4	60%	0.32	4	25	0.24	5	2	3	15	
HOMER_Quiz_1043809	3	60%	0.12	3	25	0.24	10	0	15		
HOMER_Quiz_1043810	4	52%	0.31	4	25	0.25	6	0	6	13	
HOMER_Quiz_1043770	1	76%	0.37	1	25	0.18	19	2	1	3	
HOMER_Quiz_1043771	2	76%	0.10	2	25	0.18	0	19	5	1	
HOMER_Quiz_1043772	3	80%	0.66	3	25	0.16	5	0	20		
HOMER_Quiz_1043801	2	84%	0.04	2	25	0.13	1	21	0	3	
HOMER_Quiz_1043773	4	0%	N/A	1	25	0.00	13	0	12		
HOMER_Quiz_1043813	3	92%	0.25	3	25	0.07	1	1	23		
HOMER_Quiz_1043811	2	92%	0.19	2	25	0.07	0	23	0	2	
HOMER_Quiz_1043812	1	68%	0.23	1	25	0.22	17	7	0	1	
HOMER_Quiz_1043774	2	88%	0.09	2	25	0.11	1	22	1	1	

## Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count				
							1	2	3	4	5
HOMER_Quiz_1043791	3	44%	-0.08	3	25	0.25	1	4	11	9	
HOMER_Quiz_1043814	4	100%	0.00	4	25	0.00	0	0	0	25	
HOMER_Quiz_1043792	3	88%	0.09	3	25	0.11	0	2	22	1	
HOMER_Quiz_1043793	1	96%	0.22	1	25	0.04	24	1			
HOMER_Quiz_1043794	1	92%	0.07	1	25	0.07	23	0	0	2	
HOMER_Quiz_1043815	1	68%	-0.21	1	25	0.22	17	8			
HOMER_Quiz_1043795	4	84%	0.49	4	25	0.13	3	1	0	21	
HOMER_Quiz_1043816	2	64%	0.34	2	25	0.23	7	16	2		
HOMER_Quiz_1043775	3	76%	0.24	3	25	0.18	0	3	19	0	3
HOMER_Quiz_1043776	2	72%	0.03	2	25	0.20	1	18	0	0	6
HOMER_Quiz_1043777	5	92%	0.16	5	25	0.07	0	2	0	0	23
HOMER_Quiz_1043778	3	36%	0.39	1	25	0.23	9	5	9	1	1
HOMER_Quiz_1043779	1	68%	0.30	1	25	0.22	17	0	0	8	
HOMER_Quiz_1043780	5	60%	0.26	5	25	0.24	1	7	2	0	15
HOMER_Quiz_1043781	4	88%	0.32	4	25	0.11	0	2	1	22	
HOMER_Quiz_1043802	2	28%	-0.12	4	25	0.20	5	7	0	12	1
HOMER_Quiz_1043782	4	16%	0.22	2	25	0.13	7	12	1	4	1
HOMER_Quiz_1043783	3	52%	0.42	3	25	0.25	2	0	13	0	10

