Item Analysis Report

MED546 Medicine Clerkship Exit Exam 4 Rotation 4

Descriptive Statistics

Number of Candidates:	**24**		Variance:	**31.08**	
Number of Items:	**70**		Standard Deviation:	**5.57**	
			Standard Error of Measurement:	**3.46**	
Min Score:	**33/70**	**(47%)**	Reliability Measurement:	**0.614**	
Max Score:	**57/70**	**(81%)**	Pass Score:	**43/70**	**(62%)**
Mean Score:	**46/70**	**(65%)**	Pass Rate:	**15/24**	**(63%)**

Discrimination/Difficulty Table

PBIS

PBIS	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	> 90	TOTAL
> 70											
60-69								1			1
50-59							2	1	1		4
40-49			1		1	1	2	1			6
30-39				1		2	2	4		3	12
20-29			2				3	3	2	1	11
10-19	1		1			3		2			7
0-9	1				1	2	1	3	2	7	17
< 0			2	1	1	2	1	1	1	2	11
TOTAL	2		6	2	3	10	11	16	6	13	70

Difficulty Level

Pass Rate

	Fail	PM - 2 SEM	PM - 1 SEM	PM + 1 SEM	PM + 2 SEM	Pass
Raw	1	3	5	4	7	4
%	4%	13%	21%	17%	29%	17%

PM = Passing Mark
SEM = Standard Error of Measurement

Frequency Distribution

Score	Freq	%-ile	cum-%
33	1	2.08	4.17
34	0	4.17	4.17
35	0	4.17	4.17
36	0	4.17	4.17
37	1	6.25	8.33
38	1	10.42	12.50
39	1	14.58	16.67
40	1	18.75	20.83
41	0	20.83	20.83
42	0	20.83	20.83
43	4	29.17	37.50
44	1	39.58	41.67
45	1	43.75	45.83
46	2	50.00	54.17
47	2	58.33	62.50
48	2	66.67	70.83
49	1	72.92	75.00
50	2	79.17	83.33
51	1	85.42	87.50
52	0	87.50	87.50
53	1	89.58	91.67
54	1	93.75	95.83
55	0	95.83	95.83
56	0	95.83	95.83
57	1	97.92	100.00

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count 1	2	3	4	5
HOMER_Quiz_1044009	2	42%	-0.21	2	24	0.24	2	10	10	2	
HOMER_Quiz_1043971	4	75%	0.32	4	24	0.19	2	4	0	18	
HOMER_Quiz_1044011	3	58%	0.38	3	24	0.24	2	1	14	7	
HOMER_Quiz_1043972	2	8%	0.02	4	24	0.08	1	2	9	12	
HOMER_Quiz_1044012	1	67%	0.34	1	24	0.22	16	7	1		
HOMER_Quiz_1043973	1	71%	0.26	1	24	0.21	17	0	5	2	
HOMER_Quiz_1044013	3	96%	-0.05	3	24	0.04	0	1	23		
HOMER_Quiz_1043974	2	29%	0.49	1	24	0.21	16	7	0	1	
HOMER_Quiz_1044014	1	75%	0.18	1	24	0.19	18	5	0	1	
HOMER_Quiz_1043975	4	50%	0.12	4	24	0.25	2	0	10	12	
HOMER_Quiz_1043976	2	96%	0.10	2	24	0.04	0	23	1		
HOMER_Quiz_1044015	3	83%	-0.01	3	24	0.14	1	1	20	2	
HOMER_Quiz_1043977	4	75%	0.30	4	24	0.19	2	1	3	18	
HOMER_Quiz_1043978	3	58%	0.07	3	24	0.24	2	4	14	4	
HOMER_Quiz_1043979	4	67%	0.20	4	24	0.22	3	5	0	16	
HOMER_Quiz_1044016	1	63%	0.45	1	24	0.23	15	6	1	2	
HOMER_Quiz_1044017	3	100%	0.00	3	24	0.00	0	0	24		
HOMER_Quiz_1044004	4	38%	0.30	4	24	0.23	2	8	5	9	
HOMER_Quiz_1044018	1	54%	-0.05	1	24	0.25	13	2	3	6	
HOMER_Quiz_1044019	3	92%	-0.32	3	24	0.08	0	1	22	1	
HOMER_Quiz_1043980	3	46%	0.05	3	24	0.25	4	7	11	2	
HOMER_Quiz_1044020	2	71%	0.51	2	24	0.21	4	17	1	2	
HOMER_Quiz_1044021	3	79%	0.04	3	24	0.16	2	3	19		
HOMER_Quiz_1044005	4	58%	0.38	4	24	0.24	0	8	2	14	
HOMER_Quiz_1043981	1	71%	0.33	1	24	0.21	17	0	5	2	
HOMER_Quiz_1043982	3	8%	0.16	4	24	0.08	0	4	2	18	
HOMER_Quiz_1043983	2	75%	0.01	2	24	0.19	2	18	0	4	
HOMER_Quiz_1043984	4	29%	0.18	1	24	0.21	17	0	0	7	
HOMER_Quiz_1043985	1	67%	0.39	1	24	0.22	16	3	1	4	
HOMER_Quiz_1043986	3	71%	0.28	3	24	0.21	2	4	17	1	
HOMER_Quiz_1043987	2	83%	0.21	2	24	0.14	0	20	0	4	
HOMER_Quiz_1044022	1	83%	0.23	1	24	0.14	20	1	0	3	
HOMER_Quiz_1043988	2	96%	0.10	2	24	0.04	0	23	0	1	
HOMER_Quiz_1043989	4	92%	0.06	4	24	0.08	0	2	0	22	
HOMER_Quiz_1043990	1	21%	-0.15	2	24	0.16	5	13	3	3	
HOMER_Quiz_1043991	3	29%	-0.03	4	24	0.21	2	0	7	15	
HOMER_Quiz_1043992	3	58%	0.47	3	24	0.24	9	1	14		
HOMER_Quiz_1044023	1	21%	0.30	4	24	0.16	5	3	4	12	
HOMER_Quiz_1044024	2	63%	0.08	2	24	0.23	0	15	0	9	
HOMER_Quiz_1044025	1	67%	-0.08	1	24	0.22	16	4	2	2	
HOMER_Quiz_1044026	2	71%	0.07	2	24	0.21	1	17	2	4	
HOMER_Quiz_1043993	4	71%	0.38	4	24	0.21	4	2	1	17	
HOMER_Quiz_1044006	1	83%	0.05	1	24	0.14	20	1	1	2	
HOMER_Quiz_1043994	3	96%	0.10	3	24	0.04	1	0	23		
HOMER_Quiz_1043995	2	63%	0.53	2	24	0.23	0	15	0	9	
HOMER_Quiz_1043996	4	92%	0.38	4	24	0.08	1	0	1	22	
HOMER_Quiz_1043997	3	92%	0.33	3	24	0.08	1	1	22		
HOMER_Quiz_1043998	4	79%	0.40	4	24	0.16	0	0	5	19	
HOMER_Quiz_1044027	3	46%	0.43	3	24	0.25	5	7	11	1	
HOMER_Quiz_1044028	1	75%	0.28	1	24	0.19	18	4	2		
HOMER_Quiz_1044029	1	67%	0.22	1	24	0.22	16	8			
HOMER_Quiz_1043999	4	54%	0.16	4	24	0.25	3	7	1	13	

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count				
							1	2	3	4	5
HOMER_Quiz_1044000	3	83%	0.07	3	24	0.14	3	0	20	1	
HOMER_Quiz_1044001	4	25%	0.25	1	24	0.19	15	2	1	6	
HOMER_Quiz_1044030	1	67%	0.52	1	24	0.22	16	0	6	2	
HOMER_Quiz_1044007	4	50%	0.13	4	24	0.25	4	2	6	12	
HOMER_Quiz_1044031	1	75%	0.63	1	24	0.19	18	0	6		
HOMER_Quiz_1044002	2	100%	0.00	2	24	0.00	0	24			
HOMER_Quiz_1044008	3	67%	0.26	3	24	0.22	3	2	16	3	
HOMER_Quiz_1044010	4	75%	-0.03	4	24	0.19	2	1	3	18	
HOMER_Quiz_1044032	3	54%	0.08	3	24	0.25	1	9	13	0	1
HOMER_Quiz_1044033	2	50%	-0.15	2	24	0.25	2	12	0	3	7
HOMER_Quiz_1044034	5	96%	0.10	5	24	0.04	0	1	0	0	23
HOMER_Quiz_1044035	3	67%	0.47	3	24	0.22	6	0	16	2	
HOMER_Quiz_1044036	1	92%	0.38	1	24	0.08	22	0	2		
HOMER_Quiz_1044037	5	83%	0.53	5	24	0.14	1	2	1	0	20
HOMER_Quiz_1044038	4	96%	0.21	4	24	0.04	0	1	0	23	
HOMER_Quiz_1044039	2	38%	-0.33	4	24	0.23	0	9	1	14	
HOMER_Quiz_1044003	4	0%	N/A	2	24	0.00	7	16	1		
HOMER_Quiz_1044040	3	71%	0.15	3	24	0.21	3	0	17	1	3

This report only display statistics for MULTICHOICE