Item Analysis Report

MED546 Medicine Clerkship Exit Exam 3

Descriptive Statistics

Number of Candidates:	**24**			Variance:	**30.74**	
Number of Items:	**70**			Standard Deviation:	**5.54**	
				Standard Error of Measurement:	**3.30**	
Min Score:	**35/69**	**(51%)**		Reliability Measurement:	**0.647**	
Max Score:	**53/69**	**(77%)**		Pass Score:	**43/69**	**(62%)**
Mean Score:	**45/69**	**(65%)**		Pass Rate:	**14/24**	**(58%)**

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							1				1
50-59					1				1		2
40-49	1		1			2		1	1	1	7
30-39			1		1	1	1	2	1	3	10
20-29		1			1	1	2	5	1		11
10-19			2	1		3	1	3	2	2	14
0-9		1		2	2		1	3	2	5	16
< 0	2		1					2		3	8
TOTAL	3	2	5	3	5	7	6	16	8	14	70

Difficulty Level

Pass Rate

	Fail	PM - 2 SEM	PM - 1 SEM	PM + 1 SEM	PM + 2 SEM	Pass
Raw	1	3	6	4	2	8
%	4%	13%	25%	17%	8%	33%

PM = Passing Mark
SEM = Standard Error of Measurement

Frequency Distribution

Score	Freq	%-ile	cum-%
35	1	2.08	4.17
36	0	4.17	4.17
37	2	8.33	12.50
38	0	12.50	12.50
39	1	14.58	16.67
40	2	20.83	25.00
41	2	29.17	33.33
42	2	37.50	41.67
43	1	43.75	45.83
44	1	47.92	50.00
45	0	50.00	50.00
46	2	54.17	58.33
47	0	58.33	58.33
48	0	58.33	58.33
49	2	62.50	66.67
50	2	70.83	75.00
51	3	81.25	87.50
52	1	89.58	91.67
53	2	95.83	100.00

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count 1	2	3	4	5
HOMER_Quiz_1043956	3	71%	0.17	3	24	0.21	0	0	17	7	
HOMER_Quiz_1043923	4	46%	0.33	4	24	0.25	7	6	0	11	
HOMER_Quiz_1043957	2	96%	-0.18	2	24	0.04	1	23			
HOMER_Quiz_1043924	2	75%	0.22	2	24	0.19	1	18	5		
HOMER_Quiz_1043925	4	58%	0.44	4	24	0.24	8	2	0	14	
HOMER_Quiz_1043926	1	88%	0.14	1	24	0.11	21	0	0	3	
HOMER_Quiz_1043927	4	17%	0.26	3	24	0.14	1	6	13	4	
HOMER_Quiz_1043928	1	88%	0.10	1	24	0.11	21	1	2		
HOMER_Quiz_1043929	2	79%	0.21	2	24	0.16	0	19	0	5	
HOMER_Quiz_1043958	3	79%	0.06	3	24	0.16	0	4	19	1	
HOMER_Quiz_1043930	2	75%	0.41	2	24	0.19	0	18	6		
HOMER_Quiz_1043946	2	100%	0.00	2	24	0.00	0	24			
HOMER_Quiz_1043959	3	71%	0.16	3	24	0.21	1	6	17		
HOMER_Quiz_1043960	1	75%	0.37	1	24	0.19	18	3	0	3	
HOMER_Quiz_1043931	3	88%	0.28	3	24	0.11	3	0	21		
HOMER_Quiz_1043947	1	63%	0.62	1	24	0.23	15	0	7	2	
HOMER_Quiz_1043961	4	8%	-0.09	3	24	0.08	6	2	14	2	
HOMER_Quiz_1043962	3	63%	0.21	3	24	0.23	7	2	15		
HOMER_Quiz_1043932	4	96%	0.30	4	24	0.04	0	0	1	23	
HOMER_Quiz_1043963	3	100%	0.00	3	24	0.00	0	0	24		
HOMER_Quiz_1043948	3	71%	0.24	3	24	0.21	7	0	17		
HOMER_Quiz_1043964	2	92%	0.30	2	24	0.08	2	22			
HOMER_Quiz_1043949	2	75%	0.27	2	24	0.19	4	18	0	2	
HOMER_Quiz_1043965	4	54%	0.16	4	24	0.25	5	5	1	13	
HOMER_Quiz_1043966	3	58%	0.13	3	24	0.24	2	0	14	8	
HOMER_Quiz_1043950	3	83%	0.51	3	24	0.14	2	2	20		
HOMER_Quiz_1043895	1	29%	0.32	2	24	0.21	7	8	8	1	
HOMER_Quiz_1043951	3	58%	0.45	3	24	0.24	10	0	14		
HOMER_Quiz_1043896	2	63%	0.01	2	24	0.23	4	15	2	3	
HOMER_Quiz_1043897	3	21%	0.45	4	24	0.16	2	3	5	14	
HOMER_Quiz_1043898	1	54%	0.32	1	24	0.25	13	3	5	3	
HOMER_Quiz_1043899	2	96%	-0.15	2	24	0.04	0	23	1		
HOMER_Quiz_1043900	3	63%	0.29	3	24	0.23	0	6	15	3	
HOMER_Quiz_1043901	2	88%	0.07	2	24	0.11	0	21	2	1	
HOMER_Quiz_1043902	2	100%	0.00	2	24	0.00	0	24			
HOMER_Quiz_1043933	4	79%	0.06	4	24	0.16	3	1	1	19	
HOMER_Quiz_1043934	1	13%	0.06	4	24	0.11	3	4	7	10	
HOMER_Quiz_1043903	4	96%	-0.22	4	24	0.04	1	0	0	23	
HOMER_Quiz_1043904	3	29%	-0.04	1	24	0.21	14	1	7	2	
HOMER_Quiz_1043952	3	100%	0.00	3	24	0.00	0	0	24		
HOMER_Quiz_1043905	4	46%	0.59	4	24	0.25	4	6	3	11	
HOMER_Quiz_1043906	3	46%	0.09	3	24	0.25	8	2	11	3	
HOMER_Quiz_1043935	2	25%	0.13	4	24	0.19	6	6	0	12	
HOMER_Quiz_1043936	1	75%	0.03	1	24	0.19	18	4	1	1	
HOMER_Quiz_1043907	2	88%	0.37	2	24	0.11	0	21	1	2	
HOMER_Quiz_1043908	3	75%	-0.03	3	24	0.19	5	0	18	1	
HOMER_Quiz_1043909	2	50%	0.21	2	24	0.25	6	12	0	6	
HOMER_Quiz_1043953	4	8%	0.40	3	24	0.08	10	1	11	2	
HOMER_Quiz_1043910	3	83%	0.19	3	24	0.14	0	0	20	4	
HOMER_Quiz_1043937	2	79%	0.32	2	24	0.16	0	19	0	5	
HOMER_Quiz_1043911	1	83%	0.45	1	24	0.14	20	2	1	1	
HOMER_Quiz_1043912	2	96%	0.12	2	24	0.04	0	23	0	1	

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count				
							1	2	3	4	5
HOMER_Quiz_1043938	3	33%	0.20	4	24	0.22	0	2	8	14	
HOMER_Quiz_1043913	4	96%	0.08	4	24	0.04	1	0	0	23	
HOMER_Quiz_1043939	3	92%	0.49	3	24	0.08	0	2	22		
HOMER_Quiz_1043914	1	79%	-0.07	1	24	0.16	19	3	1	1	
HOMER_Quiz_1043915	4	46%	0.27	4	24	0.25	6	5	2	11	
HOMER_Quiz_1043940	1	46%	0.08	1	24	0.25	11	11	1	1	
HOMER_Quiz_1043941	4	83%	N/A	4	24	0.00	2	2	0	20	
HOMER_Quiz_1043916	1	71%	0.26	1	24	0.21	17	1	2	4	
HOMER_Quiz_1043917	3	92%	0.19	3	24	0.08	1	1	22		
HOMER_Quiz_1043918	2	33%	0.01	5	24	0.22	0	8	0	1	15
HOMER_Quiz_1043942	5	67%	0.39	5	24	0.22	0	8	0	0	16
HOMER_Quiz_1043943	3	79%	0.16	3	24	0.16	0	1	19	1	3
HOMER_Quiz_1043944	1	63%	0.17	1	24	0.23	15	0	0	9	
HOMER_Quiz_1043945	5	38%	0.08	5	24	0.23	3	6	2	4	9
HOMER_Quiz_1043919	4	50%	0.20	4	24	0.25	1	10	0	12	1
HOMER_Quiz_1043920	2	21%	0.18	4	24	0.16	0	5	0	19	
HOMER_Quiz_1043921	4	4%	-0.08	2	24	0.04	0	20	2	1	1
HOMER_Quiz_1043922	3	92%	0.36	3	24	0.08	2	0	22		

This report only display statistics for MULTICHOICE