

Item Analysis Report

DMED514 CPR Pulmonary Midterm

Descriptive Statistics

Number of Candidates:	166	Variance:	29.74	Min Score:	38/69	(55%)
Number of Items:	69	Standard Deviation:	5.45	Max Score:	65/69	(94%)
Pass Score:	45/69	Standard Error of Measurement:	3.09	Mean Score:	54/69	(78%)
Pass Rate:	156/166	Reliability Measurement:	0.678			

Discrimination/Difficulty Table

PBIS	> 70											
	60-69											
	50-59											
	40-49						1	2			3	
	30-39				1	1	3	1	4		10	
	20-29			1	1	2	1	6	8	9	28	
	10-19			1		1	1	3	2	3	11	
	0-9		2			1	1		4	8	16	
	< 0									1	1	
	TOTAL		2	2	2	5	7	12	18	21	69	
		0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	> 90	TOTAL
Difficulty Level												

Fail/Pass (need title)

	Fail	PM - 2 SEM	PM - 1 SEM	PM + 1 SEM	PM + 2 SEM	Pass
Raw	1	4	5	14	24	118
%	1%	2%	3%	8%	14%	71%

PM = Passing Mark/Score
SEM = Standard Error of Measurement

Frequency Distribution

Score	Freq	%-ile	cum-%
38	1	0.30	0.60
39	1	0.90	1.20
40	1	1.51	1.81
41	2	2.41	3.01
42	1	3.31	3.61
43	1	3.92	4.22
44	3	5.12	6.02
45	3	6.93	7.83
46	4	9.04	10.24
47	7	12.35	14.46
48	3	15.36	16.27
49	7	18.37	20.48
50	6	22.29	24.10
51	8	26.51	28.92
52	17	34.04	39.16
53	10	42.17	45.18
54	18	50.60	56.02
55	13	59.94	63.86
56	7	65.96	68.07
57	14	72.29	76.51
58	5	78.01	79.52
59	7	81.63	83.73
60	8	86.14	88.55
61	7	90.66	92.77
62	6	94.58	96.39
63	3	97.29	98.19
64	2	98.80	99.40
65	1	99.70	100.00

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count									
							1	2	3	4	5	6	7	8	9	10
HOMER_QUIZ_1040457	3	81%	0.28	3	166	0.16	0	30	134	1	1					
HOMER_QUIZ_1040458	3	67%	0.05	3	166	0.22	55	0	111							
HOMER_QUIZ_1040459	1	99%	0.02	1	166	0.01	165	1								
HOMER_QUIZ_1040494	1	86%	0.30	1	166	0.12	143	11	12							
HOMER_QUIZ_1040460	3	83%	0.07	3	166	0.14	0	3	137	2	24					
HOMER_QUIZ_1040495	1	64%	0.15	1	166	0.23	107	53	6							
HOMER_QUIZ_1040496	1	84%	0.20	1	166	0.14	139	15	12							
HOMER_QUIZ_1040497	3	95%	0.17	3	166	0.05	2	7	157							
HOMER_QUIZ_1040501	1	76%	0.41	1	166	0.18	126	8	32							
HOMER_QUIZ_1040466	3	55%	0.18	3	166	0.25	1	70	91	4						
HOMER_QUIZ_1040502	1	72%	0.16	1	166	0.20	120	35	11							
HOMER_QUIZ_1040503	2	84%	0.21	2	166	0.13	1	140	24	0	0	1				
HOMER_QUIZ_1040467	1	100%	0.00	1	166	0.00	166									
HOMER_QUIZ_1040472	2	76%	0.22	2	166	0.18	2	126	38							
HOMER_QUIZ_1040505	3	64%	0.40	3	166	0.23	15	44	107							
HOMER_QUIZ_1040507	4	96%	0.22	4	166	0.04	2	3	1	159	1					
HOMER_QUIZ_1040474	4	91%	0.28	4	166	0.08	1	10	1	151	3					
HOMER_QUIZ_1040475	1	86%	0.15	1	166	0.12	142	7	16	1						
HOMER_QUIZ_1040476	5	99%	-0.08	5	166	0.01	0	1	0	0	165					
HOMER_QUIZ_1040478	3	70%	0.18	3	166	0.21	8	30	117	11						
HOMER_QUIZ_1040508	1	57%	0.10	1	166	0.25	94	64	8							
HOMER_QUIZ_1040514	3	98%	0.17	3	166	0.02	0	3	163							
HOMER_QUIZ_1040515	2	86%	0.25	2	166	0.12	20	142	4							
HOMER_QUIZ_1040516	3	57%	0.25	3	166	0.24	0	24	95	45	2					
HOMER_QUIZ_1040524	2	89%	0.03	2	166	0.10	14	147	0	3	0	2				
HOMER_QUIZ_1040486	4	97%	0.05	4	166	0.03	0	0	3	161	0	1	1			
HOMER_QUIZ_1040487	5	87%	0.26	5	166	0.11	1	0	0	21	144					
HOMER_QUIZ_1040488	2	96%	0.20	2	166	0.04	0	159	7							
HOMER_QUIZ_1040525	3	87%	0.18	3	166	0.11	0	3	144	18	1					
HOMER_QUIZ_1040499	3	94%	0.05	3	166	0.06	4	2	156	4						
HOMER_QUIZ_1040491	2	84%	0.22	2	166	0.14	11	139	9	0	7					
HOMER_QUIZ_1040492	4	94%	0.22	4	166	0.06	1	3	1	156	5					
HOMER_QUIZ_1040493	5	83%	0.04	5	166	0.14	5	6	0	17	138					
HOMER_QUIZ_1040461	4	96%	0.07	4	166	0.04	0	1	5	159	0	1				

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count									
							1	2	3	4	5	6	7	8	9	10
HOMER_QUIZ_1040462	5	98%	0.10	5	166	0.02	0	1	0	0	163	2				
HOMER_QUIZ_1040500	3	95%	0.25	3	166	0.05	2	1	157	0	5	1				
HOMER_QUIZ_1040463	4	93%	0.25	4	166	0.06	2	3	0	155	0	1	2	0	3	
HOMER_QUIZ_1040464	7	38%	0.16	7	166	0.24	0	0	61	1	0	0	63	0	41	
HOMER_QUIZ_1040465	1	66%	0.30	1	166	0.22	110	32	1	1	10	6	0	6		
HOMER_QUIZ_1040468	4	55%	0.21	4	166	0.25	2	8	0	92	64					
HOMER_QUIZ_1040469	6	23%	0.07	2	166	0.18	8	113	1	0	6	38				
HOMER_QUIZ_1040470	3	96%	0.03	3	166	0.04	2	1	159	1	0	3				
HOMER_QUIZ_1040471	3	73%	0.23	3	166	0.19	23	0	122	21						
HOMER_QUIZ_1040504	1	75%	0.26	1	166	0.19	125	9	32							
HOMER_QUIZ_1040473	5	97%	0.02	5	166	0.03	0	1	0	4	161					
HOMER_QUIZ_1040506	1	43%	0.22	1	166	0.24	71	14	0	20	2	59				
HOMER_QUIZ_1040498	2	41%	0.39	2	166	0.24	1	68	7	61	14	10	1	4		
HOMER_QUIZ_1040477	4	25%	0.07	7	166	0.19	4	0	1	42	1	0	62	56		
HOMER_QUIZ_1040479	1	71%	0.32	1	166	0.21	118	43	2	3						
HOMER_QUIZ_1040480	2	78%	0.20	2	166	0.17	5	129	27	5						
HOMER_QUIZ_1040509	2	100%	0.00	2	166	0.00	0	166								
HOMER_QUIZ_1040510	5	75%	0.28	5	166	0.19	2	1	1	11	125	3	13	7	2	1
HOMER_QUIZ_1040511	10	65%	0.31	10	166	0.23	16	11	17	1	1	1	2	4	5	108
HOMER_QUIZ_1040481	7	67%	0.32	7	166	0.22	3	1	0	0	37	0	112	8	1	4
HOMER_QUIZ_1040512	6	79%	0.29	6	166	0.17	2	0	5	5	6	131	1	10	5	1
HOMER_QUIZ_1040513	2	35%	0.24	2	166	0.23	9	58	54	0	4	0	1	5	5	30
HOMER_QUIZ_1040517	2	80%	0.38	2	166	0.16	31	133	2							
HOMER_QUIZ_1040482	1	80%	0.38	1	166	0.16	133	6	27							
HOMER_QUIZ_1040518	6	89%	0.24	6	166	0.10	1	1	1	0	7	147	1	8		
HOMER_QUIZ_1040519	8	91%	0.26	8	166	0.08	0	1	0	1	0	8	0	151	1	4
HOMER_QUIZ_1040483	7	85%	0.34	7	166	0.13	0	8	8	6	0	1	141	2		
HOMER_QUIZ_1040520	4	63%	0.31	4	166	0.23	15	4	30	105	10	2				
HOMER_QUIZ_1040484	2	94%	0.25	2	166	0.06	1	156	1	0	0	0	0	2	5	1
HOMER_QUIZ_1040521	7	89%	0.07	7	166	0.10	0	0	0	0	1	0	147	18		
HOMER_QUIZ_1040522	6	72%	0.45	6	166	0.20	10	1	0	20	9	119	4	0	1	2
HOMER_QUIZ_1040485	7	56%	0.40	7	166	0.25	16	13	1	1	22	5	93	0	3	12
HOMER_QUIZ_1040523	10	93%	0.27	10	166	0.07	0	1	1	4	5	1	0	0	0	154
HOMER_QUIZ_1040489	5	82%	0.24	5	166	0.15	6	12	1	11	136					

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count									
							1	2	3	4	5	6	7	8	9	10
HOMER_QUIZ_1040490	2	76%	0.24	2	166	0.18	28	126	4	8						