

Item Analysis Report

MED525 Oncology Final Exam

Descriptive Statistics

Number of Candidates:	167	Variance:	5.72
Number of Items:	30	Standard Deviation:	2.39
		Standard Error of Measurement:	1.94
Min Score:	16/30 (53%)	Reliability Measurement:	0.345
Max Score:	28/30 (93%)	Pass Score:	20/30 (65%)
Mean Score:	23/30 (78%)	Pass Rate:	156/167 (93%)

Discrimination/Difficulty Table

PBIS	> 70											
	60-69											
	50-59											
	40-49						2		1		3	
	30-39					1	1		2	4	8	
	20-29						1	3		3	7	
	10-19			1			1	1		2	5	
	0-9	1				2				4	7	
	< 0											
	TOTAL		1		1		3	5	4	3	13	30
		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	4	7	20	48	88
%	0%	2%	4%	12%	29%	53%

PM = Passing Mark
SEM = Standard Error of Measurement

Frequency Distribution

Score	Freq	%-ile	cum-%
16	2	0.60	1.20
17	2	1.80	2.40
18	1	2.69	2.99
19	6	4.79	6.59
20	10	9.58	12.57
21	10	15.57	18.56
22	22	25.15	31.74
23	26	39.52	47.31
24	27	55.39	63.47
25	27	71.56	79.64
26	21	85.93	92.22
27	12	95.81	99.40
28	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
HOMER_QUIZ_105127	5	97%	0.12	5	167	0.03	0	5	0	0	162		
HOMER_QUIZ_105127	4	55%	0.35	4	167	0.25	10	28	13	92	24		
HOMER_QUIZ_105127	3	73%	0.27	3	167	0.20	4	4	122	21	16		
HOMER_QUIZ_105128	1	84%	0.36	1	167	0.14	140	12	0	8	7		
HOMER_QUIZ_105128	1	61%	0.30	1	167	0.24	102	28	3	28	6		
HOMER_QUIZ_105128	2	99%	0.11	2	167	0.01	0	165	2				
HOMER_QUIZ_105128	3	10%	0.06	2	167	0.09	2	98	17	35	15		
HOMER_QUIZ_105128	1	51%	0.05	1	167	0.25	86	80	0	0	1		
HOMER_QUIZ_105128	4	78%	0.15	4	167	0.17	21	8	6	130	2		
HOMER_QUIZ_105128	1	78%	0.27	1	167	0.17	131	29	0	1	6		
HOMER_QUIZ_105128	3	32%	0.19	1	167	0.22	66	5	54	1	41		
HOMER_QUIZ_105128	2	97%	0.00	2	167	0.03	0	162	5				
HOMER_QUIZ_105128	3	100%	0.00	3	167	0.00	0	0	167				
HOMER_QUIZ_105129	4	55%	0.02	4	167	0.25	30	1	44	92			
HOMER_QUIZ_105129	5	98%	0.09	5	167	0.02	2	1	0	1	163		
HOMER_QUIZ_105129	4	75%	0.27	4	167	0.19	3	1	22	126	15		
HOMER_QUIZ_105129	3	67%	0.12	3	167	0.22	10	16	112	23	6		
HOMER_QUIZ_105129	2	92%	0.24	2	167	0.07	8	154	5				
HOMER_QUIZ_105129	2	66%	0.22	2	167	0.22	25	111	29	2			
HOMER_QUIZ_105129	2	97%	0.21	2	167	0.03	2	162	0	1	2		
HOMER_QUIZ_105126	4	87%	0.45	4	167	0.11	1	0	7	145	0	0	14
HOMER_QUIZ_105126	1	63%	0.48	1	167	0.23	105	25	9	4	2	13	9
HOMER_QUIZ_105126	3	89%	0.34	3	167	0.10	2	3	149	6	1	0	6
HOMER_QUIZ_105127	7	95%	0.31	7	167	0.05	0	0	1	3	2	3	158
HOMER_QUIZ_105127	5	67%	0.44	5	167	0.22	0	5	0	6	112	0	44
HOMER_QUIZ_105127	4	96%	0.32	4	167	0.03	1	0	0	161	5		
HOMER_QUIZ_105127	5	97%	0.28	5	167	0.03	0	0	0	5	162		
HOMER_QUIZ_105127	2	91%	0.34	2	167	0.08	13	152	2				
HOMER_QUIZ_105127	1	92%	0.38	1	167	0.08	153	13	0	1			
HOMER_QUIZ_105127	3	98%	0.00	3	167	0.02	0	3	164				

