

# Item Analysis Report

MED521 GI Final Exam

## Descriptive Statistics

Number of Candidates:	165	Variance:	40.46	Min Score:	56/90	(62%)
Number of Items:	90	Standard Deviation:	6.36	Max Score:	88/90	(98%)
Pass Score:	59/90	Standard Error of Measurement:	3.25	Mean Score:	75/90	(83%)
Pass Rate:	163/165	Reliability Measurement:	0.739			

## Discrimination/Difficulty Table

PBIS	> 70											
	60-69											
	50-59											
	40-49						1				1	
	30-39					1	2	4	4	2	13	
	20-29			1			2	2	8	13	11	37
	10-19					1	2	1	1	6	11	22
	0-9				1			2		1	9	13
	< 0									1	3	4
	TOTAL			1	1	2	4	8	13	25	36	90
		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	0	0	2	6	6	151
%	0%	0%	1%	4%	4%	92%

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

Frequency Distribution

Score	Freq	%-ile	cum-%	Score	Freq	%-ile	cum-%	Score	Freq	%-ile	cum-%
0	0	0.00	0.00	33	0	0.00	0.00	66	1	8.79	0.00
1	0	0.00	0.00	34	0	0.00	0.00	67	6	10.91	0.00
2	0	0.00	0.00	35	0	0.00	0.00	68	6	14.55	0.00
3	0	0.00	0.00	36	0	0.00	0.00	69	3	17.27	0.00
4	0	0.00	0.00	37	0	0.00	0.00	70	8	20.61	0.00
5	0	0.00	0.00	38	0	0.00	0.00	71	7	25.15	0.00
6	0	0.00	0.00	39	0	0.00	0.00	72	8	29.70	0.00
7	0	0.00	0.00	40	0	0.00	0.00	73	15	36.67	0.00
8	0	0.00	0.00	41	0	0.00	0.00	74	8	43.64	0.00
9	0	0.00	0.00	42	0	0.00	0.00	75	7	48.18	0.00
10	0	0.00	0.00	43	0	0.00	0.00	76	11	53.64	0.00
11	0	0.00	0.00	44	0	0.00	0.00	77	9	59.70	0.00
12	0	0.00	0.00	45	0	0.00	0.00	78	9	65.15	0.00
13	0	0.00	0.00	46	0	0.00	0.00	79	18	73.33	0.00
14	0	0.00	0.00	47	0	0.00	0.00	80	8	81.21	0.00
15	0	0.00	0.00	48	0	0.00	0.00	81	5	85.15	0.00
16	0	0.00	0.00	49	0	0.00	0.00	82	6	88.48	0.00
17	0	0.00	0.00	50	0	0.00	0.00	83	8	92.73	0.00
18	0	0.00	0.00	51	0	0.00	0.00	84	4	96.36	0.00
19	0	0.00	0.00	52	0	0.00	0.00	85	1	97.88	0.00
20	0	0.00	0.00	53	0	0.00	0.00	86	2	98.79	0.00
21	0	0.00	0.00	54	0	0.00	0.00	87	0	99.39	0.00
22	0	0.00	0.00	55	0	0.00	0.00	88	1	99.70	100.00
23	0	0.00	0.00	56	1	0.30	0.00	89	0	100.00	100.00
24	0	0.00	0.00	57	1	0.91	0.00				
25	0	0.00	0.00	58	0	1.21	0.00				
26	0	0.00	0.00	59	3	2.12	0.00				
27	0	0.00	0.00	60	2	3.64	0.00				
28	0	0.00	0.00	61	1	4.55	0.00				
29	0	0.00	0.00	62	2	5.45	0.00				
30	0	0.00	0.00	63	1	6.36	0.00				
31	0	0.00	0.00	64	3	7.58	0.00				
32	0	0.00	0.00	65	0	8.48	0.00				

## Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count								
							1	2	3	4	5	6	7	8	9
HOMER_QUIZ_1036976	4	87%	0.39	4	165	0.12	15	6	1	143					
HOMER_QUIZ_1036977	3	72%	0.26	3	165	0.20	27	19	119						
HOMER_QUIZ_1036978	2	99%	0.13	2	165	0.01	1	163	1						
HOMER_QUIZ_1036979	1	97%	0.17	1	165	0.03	160	1	0	2	2				
HOMER_QUIZ_1036980	2	69%	0.16	2	165	0.21	4	114	27	10	10				
HOMER_QUIZ_1036670	5	99%	-0.02	5	165	0.01	1	0	0	0	164				
HOMER_QUIZ_1036671	4	93%	0.09	4	165	0.06	0	7	4	154					
HOMER_QUIZ_1036672	4	97%	0.02	4	165	0.03	2	0	3	160					
HOMER_QUIZ_1036673	2	38%	0.10	4	165	0.24	10	63	19	73					
HOMER_QUIZ_1036674	4	99%	0.12	4	165	0.01	0	0	1	163	1				
HOMER_QUIZ_1036675	1	87%	0.19	1	165	0.11	144	0	1	8	12				
HOMER_QUIZ_1036676	3	95%	0.16	3	165	0.05	4	2	157	1	1				
HOMER_QUIZ_1036677	3	100%	0.00	3	165	0.00	0	0	165						
HOMER_QUIZ_1036678	2	76%	0.15	2	165	0.18	40	125							
HOMER_QUIZ_1036679	3	88%	0.24	3	165	0.11	11	1	145	1	7				
HOMER_QUIZ_1036680	3	94%	0.08	3	165	0.06	2	0	155	7	1				
HOMER_QUIZ_1036681	2	95%	0.17	2	165	0.05	1	156	6	1	1				
HOMER_QUIZ_1036682	3	88%	0.20	3	165	0.10	0	6	146	12	1				
HOMER_QUIZ_1036683	4	82%	0.24	4	165	0.15	5	11	13	135	1				
HOMER_QUIZ_1036684	3	90%	0.25	3	165	0.09	1	3	148	0	13				
HOMER_QUIZ_1036685	5	93%	0.21	5	165	0.07	1	1	2	8	153				
HOMER_QUIZ_1036686	3	72%	0.25	3	165	0.20	7	9	118	30	1				
HOMER_QUIZ_1036687	4	81%	0.20	4	165	0.15	1	3	27	134					
HOMER_QUIZ_1036688	4	64%	0.28	4	165	0.23	1	8	50	105	1				
HOMER_QUIZ_1036689	4	91%	0.20	4	165	0.08	7	1	2	150	5				
HOMER_QUIZ_1036690	3	97%	0.32	3	165	0.03	0	2	160	3					
HOMER_QUIZ_1036691	3	88%	0.15	3	165	0.11	4	1	145	2	13				
HOMER_QUIZ_1036692	5	88%	0.30	5	165	0.11	2	4	6	8	145				
HOMER_QUIZ_1036693	4	93%	0.16	4	165	0.07	1	5	3	153	3				
HOMER_QUIZ_1036694	2	42%	0.17	2	165	0.24	61	70	18	5	11				
HOMER_QUIZ_1036695	2	92%	0.13	2	165	0.07	0	152	1	2	10				
HOMER_QUIZ_1036696	2	81%	0.36	2	165	0.15	2	134	26	3					
HOMER_QUIZ_1036697	1	77%	0.24	1	165	0.18	127	2	1	11	24				
HOMER_QUIZ_1036698	1	56%	0.19	1	165	0.25	92	23	9	40	1				

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count								
							1	2	3	4	5	6	7	8	9
HOMER_QUIZ_1036699	3	98%	0.13	3	165	0.02	1	0	161	2	1				
HOMER_QUIZ_1036700	5	96%	0.08	5	165	0.04	1	3	1	1	159				
HOMER_QUIZ_1036701	4	89%	-0.01	4	165	0.10	2	1	15	147					
HOMER_QUIZ_1036702	5	78%	0.24	5	165	0.17	3	19	3	11	129				
HOMER_QUIZ_1036703	3	87%	0.26	3	165	0.12	10	7	143	1	4				
HOMER_QUIZ_1036704	1	81%	0.20	1	165	0.15	134	12	12	7					
HOMER_QUIZ_1036705	4	97%	0.17	4	165	0.03	5	0	0	160					
HOMER_QUIZ_1036706	3	93%	0.23	3	165	0.07	4	2	153	6					
HOMER_QUIZ_1036707	3	93%	0.21	3	165	0.07	8	2	153	2					
HOMER_QUIZ_1036708	1	86%	0.24	1	165	0.12	142	4	14	2	3				
HOMER_QUIZ_1036709	4	94%	0.24	4	165	0.06	7	0	1	155	2				
HOMER_QUIZ_1036710	2	24%	0.23	4	165	0.18	33	40	39	49	4				
HOMER_QUIZ_1036711	3	64%	0.10	3	165	0.23	0	0	105	52	8				
HOMER_QUIZ_1036712	1	85%	0.17	1	165	0.13	140	7	10	5	3				
HOMER_QUIZ_1036713	4	90%	0.27	4	165	0.09	0	2	13	148	2				
HOMER_QUIZ_1036714	2	93%	-0.08	2	165	0.06	6	154	4	0	1				
HOMER_QUIZ_1036715	5	85%	0.34	5	165	0.13	3	1	15	6	140				
HOMER_QUIZ_1036716	4	98%	0.10	4	165	0.02	0	2	1	161	1				
HOMER_QUIZ_1036717	1	93%	0.28	1	165	0.07	153	8	2	2					
HOMER_QUIZ_1036718	3	74%	0.33	3	165	0.19	0	3	122	5	35				
HOMER_QUIZ_1036719	5	95%	0.08	5	165	0.05	0	0	2	6	157				
HOMER_QUIZ_1036720	4	81%	0.27	4	165	0.16	0	24	0	133	8				
HOMER_QUIZ_1036721	3	90%	0.03	3	165	0.09	0	17	148						
HOMER_QUIZ_1036722	2	98%	0.21	2	165	0.02	0	162	1	1	1				
HOMER_QUIZ_1036723	3	52%	0.23	3	165	0.25	49	16	86	5	9				
HOMER_QUIZ_1036724	1	64%	0.05	1	165	0.23	105	2	6	46	6				
HOMER_QUIZ_1036725	3	88%	0.35	3	165	0.11	13	2	145	5					
HOMER_QUIZ_1036726	2	79%	0.26	2	165	0.17	2	130	15	18					
HOMER_QUIZ_1036727	5	76%	0.26	5	165	0.18	32	7	0	0	126				
HOMER_QUIZ_1036728	1	94%	0.21	1	165	0.06	155	3	0	0	7				
HOMER_QUIZ_1036729	2	98%	-0.01	2	165	0.02	4	161							
HOMER_QUIZ_1036730	5	98%	0.03	5	165	0.02	0	3	0	0	162				
HOMER_QUIZ_1036731	3	77%	0.35	3	165	0.18	9	0	127	16	13				
HOMER_QUIZ_1036732	3	41%	0.32	3	165	0.24	2	34	67	35	27				

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count								
							1	2	3	4	5	6	7	8	9
HOMER_QUIZ_1036733	1	67%	0.32	1	165	0.22	110	22	9	24					
HOMER_QUIZ_1036734	2	95%	0.24	2	165	0.05	2	157	1	0	5				
HOMER_QUIZ_1036735	4	64%	0.27	4	165	0.23	6	1	50	106	2				
HOMER_QUIZ_1036736	1	90%	0.24	1	165	0.09	148	2	1	14					
HOMER_QUIZ_1036737	3	54%	0.27	3	165	0.25	71	1	89	4					
HOMER_QUIZ_1036738	1	73%	0.37	1	165	0.20	121	7	25	3	9				
HOMER_QUIZ_1036739	5	56%	0.15	5	165	0.25	13	3	11	46	92				
HOMER_QUIZ_1036740	3	72%	0.28	3	165	0.20	46	1	118						
HOMER_QUIZ_1036741	4	99%	0.04	4	165	0.01	1	0	0	164					
HOMER_QUIZ_1036742	4	67%	0.31	4	165	0.22	8	14	33	110					
HOMER_QUIZ_1036743	5	84%	0.16	5	165	0.14	15	3	9	0	138				
HOMER_QUIZ_1036744	1	96%	0.28	1	165	0.04	158	2	3	1	1				
HOMER_QUIZ_1036745	4	93%	0.34	4	165	0.06	5	3	2	154	1				
HOMER_QUIZ_1036746	2	90%	0.29	2	165	0.09	12	148	5						
HOMER_QUIZ_1036747	1	95%	0.13	1	165	0.05	156	2	6	0	1				
HOMER_QUIZ_1036748	2	79%	0.29	2	165	0.17	4	130	23	7	1				
HOMER_QUIZ_1036749	2	90%	0.16	2	165	0.09	12	148	1	3	1				
HOMER_QUIZ_1036750	3	93%	0.08	3	165	0.07	3	6	153	0	3				
HOMER_QUIZ_1036751	3	84%	0.21	3	165	0.14	0	11	138	3	13				
HOMER_QUIZ_1036662	6	93%	0.24	6	165	0.06	0	2	3	0	0	154	0	5	1
HOMER_QUIZ_1036663	2	67%	0.41	2	165	0.22	37	110	3	15					
HOMER_QUIZ_1036664	8	79%	0.36	8	165	0.16	0	5	7	0	1	2	4	131	15