

Item Analysis Report

MED521 GI Final Exam

Descriptive Statistics

Number of Candidates:	162	Variance:	51.42
Number of Items:	90	Standard Deviation:	7.17
		Standard Error of Measurement:	3.35
Min Score:	50/90 (56%)	Reliability Measurement:	0.782
Max Score:	87/90 (98%)	Pass Score:	58/90 (65%)
Mean Score:	72/90 (81%)	Pass Rate:	159/162 (98%)

Discrimination/Difficulty Table

PBIS	> 70											
	60-69											
	50-59											
	40-49							3	1		4	
	30-39					2	3	5	7	4	21	
	20-29					1	5	6	6	9	27	
	10-19	1			1		1	4	7	9	23	
	0-9			1	1			2		7	11	
	< 0									3	3	
	TOTAL	1		1	2		3	9	20	21	32	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	2	1	0	12	15	132
%	1%	1%	0%	7%	9%	81%

PM = Passing Mark
SEM = Standard Error of Measurement

Frequency Distribution

Score	Freq	%-ile	cum-%	Score	Freq	%-ile	cum-%
0	0	0.00	0.00	49	0	0.00	0.00
1	0	0.00	0.00	50	2	0.62	0.00
2	0	0.00	0.00	51	0	1.23	0.00
3	0	0.00	0.00	52	1	1.54	0.00
4	0	0.00	0.00	53	0	1.85	0.00
5	0	0.00	0.00	54	0	1.85	0.00
6	0	0.00	0.00	55	0	1.85	0.00
7	0	0.00	0.00	56	0	1.85	0.00
8	0	0.00	0.00	57	0	1.85	0.00
9	0	0.00	0.00	58	2	2.47	0.00
10	0	0.00	0.00	59	1	3.40	0.00
11	0	0.00	0.00	60	1	4.01	0.00
12	0	0.00	0.00	61	8	6.79	0.00
13	0	0.00	0.00	62	3	10.19	0.00
14	0	0.00	0.00	63	2	11.73	0.00
15	0	0.00	0.00	64	10	15.43	0.00
16	0	0.00	0.00	65	3	19.44	0.00
17	0	0.00	0.00	66	2	20.99	0.00
18	0	0.00	0.00	67	6	23.46	0.00
19	0	0.00	0.00	68	4	26.54	0.00
20	0	0.00	0.00	69	3	28.70	0.00
21	0	0.00	0.00	70	7	31.79	0.00
22	0	0.00	0.00	71	11	37.35	0.00
23	0	0.00	0.00	72	11	44.14	0.00
24	0	0.00	0.00	73	7	49.69	0.00
25	0	0.00	0.00	74	10	54.94	0.00
26	0	0.00	0.00	75	9	60.80	0.00
27	0	0.00	0.00	76	6	65.43	0.00
28	0	0.00	0.00	77	17	72.53	0.00
29	0	0.00	0.00	78	8	80.25	0.00
30	0	0.00	0.00	79	3	83.64	0.00
31	0	0.00	0.00	80	7	86.73	0.00
32	0	0.00	0.00	81	4	90.12	0.00
33	0	0.00	0.00	82	6	93.21	0.00
34	0	0.00	0.00	83	3	95.99	0.00
35	0	0.00	0.00	84	2	97.53	0.00
36	0	0.00	0.00	85	1	98.46	0.00
37	0	0.00	0.00	86	1	99.07	0.00
38	0	0.00	0.00	87	1	99.69	100.00
39	0	0.00	0.00	88	0	100.00	100.00
40	0	0.00	0.00	89	0	100.00	100.00
41	0	0.00	0.00				
42	0	0.00	0.00				
43	0	0.00	0.00				
44	0	0.00	0.00				
45	0	0.00	0.00				
46	0	0.00	0.00				
47	0	0.00	0.00				
48	0	0.00	0.00				

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count				
							1	2	3	4	5
HOMER_Quiz_1044963	4	77%	0.38	4	162	0.18	18	16	4	124	
HOMER_Quiz_1045052	3	68%	0.26	3	162	0.22	23	25	110	4	
HOMER_Quiz_1045147	5	85%	0.23	5	162	0.13	0	17	1	7	137
HOMER_Quiz_1044965	1	99%	0.09	1	162	0.01	161	0	0	0	1
HOMER_Quiz_1044966	2	68%	0.15	2	162	0.22	1	110	25	12	14
HOMER_Quiz_1044967	5	98%	0.08	5	162	0.02	1	2	0	0	159
HOMER_Quiz_1044968	4	96%	0.36	4	162	0.04	1	2	1	156	2
HOMER_Quiz_1045005	4	93%	0.09	4	162	0.07	6	1	5	150	
HOMER_Quiz_1045148	1	99%	-0.00	1	162	0.01	160	1	1		
HOMER_Quiz_1044969	4	94%	0.12	4	162	0.05	1	6	0	153	2
HOMER_Quiz_1045007	1	77%	0.27	1	162	0.18	125	1	1	13	22
HOMER_Quiz_1045008	3	85%	0.10	3	162	0.13	10	12	138	0	2
HOMER_Quiz_1045149	1	70%	0.29	1	162	0.21	114	9	4	35	
HOMER_Quiz_1044970	2	81%	0.32	2	162	0.15	26	132	0	0	4
HOMER_Quiz_1045010	3	91%	0.35	3	162	0.08	6	1	147	2	6
HOMER_Quiz_1044971	3	88%	0.23	3	162	0.10	8	0	143	6	5
HOMER_Quiz_1045011	2	97%	0.27	2	162	0.03	1	157	4		
HOMER_Quiz_1045012	3	95%	0.37	3	162	0.05	0	3	154	5	
HOMER_Quiz_1044972	4	80%	0.24	4	162	0.16	4	6	22	129	1
HOMER_Quiz_1044973	3	77%	0.50	3	162	0.18	2	16	124	0	20
HOMER_Quiz_1045013	5	93%	0.12	5	162	0.07	1	2	4	5	150
HOMER_Quiz_1045014	3	72%	0.20	3	162	0.20	8	8	117	29	
HOMER_Quiz_1045015	4	78%	0.14	4	162	0.17	0	6	30	126	
HOMER_Quiz_1044974	4	78%	0.11	4	162	0.17	0	7	24	127	4
HOMER_Quiz_1044975	4	79%	0.33	4	162	0.17	13	5	2	128	14
HOMER_Quiz_1044976	3	96%	0.18	3	162	0.04	1	1	156	4	
HOMER_Quiz_1044977	3	86%	0.13	3	162	0.12	4	1	140	4	13
HOMER_Quiz_1045016	5	83%	0.44	5	162	0.14	2	5	3	18	134
HOMER_Quiz_1045150	1	96%	0.21	1	162	0.04	156	1	1	4	
HOMER_Quiz_1045017	2	39%	0.08	1	162	0.24	80	63	15	1	3
HOMER_Quiz_1044979	2	93%	0.20	2	162	0.07	0	150	1	5	6
HOMER_Quiz_1045018	2	67%	0.31	2	162	0.22	3	108	44	7	
HOMER_Quiz_1044980	1	70%	0.25	1	162	0.21	113	0	2	27	20
HOMER_Quiz_1045019	1	70%	0.18	1	162	0.21	114	9	18	21	
HOMER_Quiz_1045020	3	98%	-0.03	3	162	0.02	3	0	159		
HOMER_Quiz_1045151	1	69%	0.24	1	162	0.21	112	4	1	24	21
HOMER_Quiz_1044982	4	95%	0.29	4	162	0.05	1	0	7	154	
HOMER_Quiz_1045152	2	57%	0.33	2	162	0.25	16	92	48	6	
HOMER_Quiz_1044983	3	88%	0.37	3	162	0.11	10	8	142	0	2
HOMER_Quiz_1045022	1	79%	0.24	1	162	0.17	128	16	12	6	
HOMER_Quiz_1044984	4	90%	0.10	4	162	0.09	13	1	2	146	
HOMER_Quiz_1045045	3	86%	0.15	3	162	0.12	10	10	139	3	
HOMER_Quiz_1045046	3	83%	0.33	3	162	0.14	22	6	134		
HOMER_Quiz_1045047	1	87%	0.32	1	162	0.11	141	11	6	0	4
HOMER_Quiz_1045153	4	81%	0.25	4	162	0.15	6	16	8	132	
HOMER_Quiz_1044985	2	31%	0.18	2	162	0.21	35	50	26	44	7
HOMER_Quiz_1044986	3	75%	0.03	3	162	0.19	0	0	122	36	4
HOMER_Quiz_1044987	1	85%	0.26	1	162	0.13	137	6	14	4	1
HOMER_Quiz_1044988	4	85%	0.13	4	162	0.13	1	2	20	137	2
HOMER_Quiz_1044989	2	98%	0.28	2	162	0.02	2	158	1	1	
HOMER_Quiz_1044990	5	80%	0.34	5	162	0.16	1	2	21	8	130
HOMER_Quiz_1045024	4	95%	0.29	4	162	0.05	1	3	2	154	2

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Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count				
							1	2	3	4	5
HOMER_Quiz_1045025	1	77%	0.42	1	162	0.18	124	32	5	1	
HOMER_Quiz_1044991	3	74%	0.40	3	162	0.19	2	7	120	10	23
HOMER_Quiz_1045026	5	89%	0.18	5	162	0.10	2	0	6	10	144
HOMER_Quiz_1044992	4	69%	0.39	4	162	0.21	2	29	3	112	16
HOMER_Quiz_1045154	3	17%	N/A	2	162	0.00	18	116	28		
HOMER_Quiz_1045048	2	96%	0.29	2	162	0.04	0	155	2	0	5
HOMER_Quiz_1045155	4	63%	0.38	4	162	0.23	55	1	4	102	
HOMER_Quiz_1045156	3	59%	0.33	3	162	0.24	18	21	95	28	
HOMER_Quiz_1045157	3	93%	0.29	3	162	0.07	7	2	150	3	
HOMER_Quiz_1044995	2	71%	0.10	2	162	0.21	2	115	30	15	
HOMER_Quiz_1045158	4	97%	0.04	4	162	0.03	0	2	3	157	
HOMER_Quiz_1045028	1	86%	0.13	1	162	0.12	139	5	0	11	7
HOMER_Quiz_1045159	3	99%	0.24	3	162	0.01	0	0	161	1	
HOMER_Quiz_1045030	5	98%	0.18	5	162	0.02	0	4	0	0	158
HOMER_Quiz_1045031	3	67%	0.23	3	162	0.22	10	2	108	26	16
HOMER_Quiz_1045160	4	90%	0.07	4	162	0.09	7	2	7	146	
HOMER_Quiz_1045033	1	6%	0.11	4	162	0.06	10	46	33	73	
HOMER_Quiz_1045034	2	91%	0.16	2	162	0.08	9	147	0	1	5
HOMER_Quiz_1045161	4	82%	0.15	4	162	0.15	4	21	4	133	
HOMER_Quiz_1044997	1	77%	0.37	1	162	0.18	125	4	5	26	2
HOMER_Quiz_1044998	4	96%	0.20	4	162	0.04	1	0	3	156	2
HOMER_Quiz_1044999	1	66%	0.23	1	162	0.22	107	15	34	5	1
HOMER_Quiz_1045035	5	57%	0.22	5	162	0.24	11	1	9	48	93
HOMER_Quiz_1045000	3	84%	0.27	3	162	0.13	11	8	136	6	1
HOMER_Quiz_1045001	4	100%	0.00	4	162	0.00	0	0	0	162	
HOMER_Quiz_1045162	1	96%	0.14	1	162	0.04	155	1	5	1	
HOMER_Quiz_1045002	5	26%	0.10	1	162	0.19	69	17	31	3	42
HOMER_Quiz_1045051	1	92%	0.35	1	162	0.07	149	8	3	2	
HOMER_Quiz_1045163	3	88%	0.31	3	162	0.11	1	16	142	3	
HOMER_Quiz_1045038	2	85%	0.37	2	162	0.13	8	138	4	8	4
HOMER_Quiz_1045039	1	93%	0.23	1	162	0.07	150	3	5	1	3
HOMER_Quiz_1045040	2	76%	0.24	2	162	0.18	17	123	17	3	2
HOMER_Quiz_1045041	2	75%	0.34	2	162	0.19	19	122	5	15	1
HOMER_Quiz_1045042	3	96%	-0.01	3	162	0.04	1	4	155	0	2
HOMER_Quiz_1045164	4	94%	0.18	4	162	0.06	3	3	1	152	3
HOMER_Quiz_1045165	2	80%	0.18	2	162	0.16	12	129	13	0	8
HOMER_Quiz_1045166	2	75%	0.38	2	162	0.19	29	121	3	9	
HOMER_Quiz_1045167	2	84%	0.22	2	162	0.13	8	136	14	4	