

Item Analysis Report

DMED512 Triple I Final

Descriptive Statistics

Number of Candidates:	32	Variance:	118.72
Number of Items:	162	Standard Deviation:	10.90
		Standard Error of Measurement:	3.92
Min Score:	105/162 (65%)	Reliability Measurement:	0.871
Max Score:	156/162 (96%)	Pass Score:	122/162 (75%)
Mean Score:	139/162 (86%)	Pass Rate:	30/32 (94%)

Discrimination/Difficulty Table

PBIS	> 70							1	1	2	4	
	60-69						1	1	3		5	
	50-59							1	3	6	10	
	40-49					3	1	1	1	5	11	
	30-39				1	1	2	3	6	5	18	
	20-29			1		2	1	4	8	8	24	
	10-19	1	1				4	1	6	3	16	
	0-9		1	1			2	1	3	49	57	
	< 0					1	1		4	11	17	
	TOTAL	1	2	2	1	7	12	13	35	89	162	
		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	2	0	0	1	1	28
%	6%	0%	0%	3%	3%	88%

PM = Passing Mark
SEM = Standard Error of Measurement

Frequency Distribution

Score	Freq	%-ile	cum-%	Score	Freq	%-ile	cum-%
105	1	1.56	3.13	154	0	96.88	96.88
106	0	3.13	3.13	155	0	96.88	96.88
107	0	3.13	3.13	156	1	98.44	100.00
108	0	3.13	3.13				
109	0	3.13	3.13				
110	1	4.69	6.25				
111	0	6.25	6.25				
112	0	6.25	6.25				
113	0	6.25	6.25				
114	0	6.25	6.25				
115	0	6.25	6.25				
116	0	6.25	6.25				
117	0	6.25	6.25				
118	0	6.25	6.25				
119	0	6.25	6.25				
120	0	6.25	6.25				
121	0	6.25	6.25				
122	0	6.25	6.25				
123	1	7.81	9.38				
124	0	9.38	9.38				
125	0	9.38	9.38				
126	0	9.38	9.38				
127	0	9.38	9.38				
128	1	10.94	12.50				
129	0	12.50	12.50				
130	1	14.06	15.63				
131	1	17.19	18.75				
132	0	18.75	18.75				
133	2	21.88	25.00				
134	0	25.00	25.00				
135	0	25.00	25.00				
136	1	26.56	28.13				
137	2	31.25	34.38				
138	2	37.50	40.63				
139	2	43.75	46.88				
140	0	46.88	46.88				
141	1	48.44	50.00				
142	1	51.56	53.13				
143	1	54.69	56.25				
144	2	59.38	62.50				
145	4	68.75	75.00				
146	2	78.13	81.25				
147	1	82.81	84.38				
148	1	85.94	87.50				
149	0	87.50	87.50				
150	1	89.06	90.63				
151	1	92.19	93.75				
152	1	95.31	96.88				
153	0	96.88	96.88				

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count				
							1	2	3	4	5
HOMER_QUIZ_1053866	1	97%	0.10	1	32	0.03	31	0	0	1	
HOMER_QUIZ_1053809	4	91%	0.37	4	32	0.08	2	0	1	29	
HOMER_QUIZ_1053890	3	50%	0.25	3	32	0.25	4	3	16	9	
HOMER_QUIZ_1053891	1	16%	0.13	3	32	0.13	5	3	23	1	
HOMER_QUIZ_1053875	3	47%	0.31	2	32	0.25	2	15	15		
HOMER_QUIZ_1053850	4	100%	0.00	4	32	0.00	0	0	0	32	
HOMER_QUIZ_1053855	4	78%	0.22	4	32	0.17	2	0	5	25	
HOMER_QUIZ_1053857	1	56%	-0.14	1	32	0.25	18	13	1		
HOMER_QUIZ_1053880	4	100%	0.00	4	32	0.00	0	0	0	32	
HOMER_QUIZ_1053881	3	100%	0.00	3	32	0.00	0	0	32		
HOMER_QUIZ_1053788	3	69%	0.38	3	32	0.21	5	4	22	1	
HOMER_QUIZ_1053882	4	91%	-0.08	4	32	0.08	0	1	2	29	
HOMER_QUIZ_1053789	3	81%	0.17	3	32	0.15	2	1	26	3	
HOMER_QUIZ_1053790	3	100%	0.00	3	32	0.00	0	0	32		
HOMER_QUIZ_1053791	4	91%	0.41	4	32	0.08	3	0	0	29	
HOMER_QUIZ_1053792	4	97%	0.10	4	32	0.03	0	1	0	31	
HOMER_QUIZ_1053883	1	94%	-0.10	1	32	0.06	30	0	0	2	
HOMER_QUIZ_1053884	1	94%	0.59	1	32	0.06	30	0	2		
HOMER_QUIZ_1053810	3	75%	0.24	3	32	0.19	2	6	24		
HOMER_QUIZ_1053830	4	84%	0.61	4	32	0.13	0	1	4	27	
HOMER_QUIZ_1053834	2	100%	0.00	2	32	0.00	0	32			
HOMER_QUIZ_1053820	2	81%	0.30	2	32	0.15	1	26	4	1	
HOMER_QUIZ_1053821	4	84%	0.39	4	32	0.13	3	2	0	27	
HOMER_QUIZ_1053898	1	100%	0.00	1	32	0.00	32				
HOMER_QUIZ_1053801	2	66%	0.19	2	32	0.23	4	21	2	5	
HOMER_QUIZ_1053797	1	78%	0.17	1	32	0.17	25	1	5	1	
HOMER_QUIZ_1053892	3	91%	-0.15	3	32	0.08	0	2	29	1	
HOMER_QUIZ_1053893	4	25%	0.03	1	32	0.19	12	6	6	8	
HOMER_QUIZ_1053899	4	97%	0.02	4	32	0.03	0	0	1	31	
HOMER_QUIZ_1053811	2	94%	-0.10	2	32	0.06	1	30	0	1	
HOMER_QUIZ_1053800	4	84%	0.57	4	32	0.13	2	2	1	27	
HOMER_QUIZ_1053894	3	100%	0.00	3	32	0.00	0	0	32		
HOMER_QUIZ_1053895	2	97%	0.56	2	32	0.03	1	31			
HOMER_QUIZ_1053774	1	84%	0.30	1	32	0.13	27	2	1	2	
HOMER_QUIZ_1053856	1	100%	0.00	1	32	0.00	32				
HOMER_QUIZ_1053848	3	88%	0.20	3	32	0.11	0	1	28	3	
HOMER_QUIZ_1053900	3	97%	0.56	3	32	0.03	1	0	31		
HOMER_QUIZ_1053901	3	94%	0.32	3	32	0.06	0	1	30	1	
HOMER_QUIZ_1053879	4	88%	0.76	4	32	0.11	2	2	0	28	
HOMER_QUIZ_1053847	1	88%	0.48	1	32	0.11	28	3	1		
HOMER_QUIZ_1053744	1	100%	0.00	1	32	0.00	32				
HOMER_QUIZ_1053812	3	66%	0.27	3	32	0.23	3	2	21	6	
HOMER_QUIZ_1053851	3	81%	0.20	3	32	0.15	0	0	26	6	
HOMER_QUIZ_1053746	3	97%	-0.08	3	32	0.03	0	1	31		
HOMER_QUIZ_1053813	2	94%	0.59	2	32	0.06	1	30	1		
HOMER_QUIZ_1053748	2	88%	0.52	2	32	0.11	2	28	2		
HOMER_QUIZ_1053749	3	63%	0.03	3	32	0.23	6	2	20	3	1
HOMER_QUIZ_1053750	3	94%	0.40	3	32	0.06	1	1	30		
HOMER_QUIZ_1053754	1	94%	0.03	1	32	0.06	30	2			
HOMER_QUIZ_1053751	2	100%	0.00	2	32	0.00	0	32			
HOMER_QUIZ_1053752	1	91%	0.25	1	32	0.08	29	0	3		
HOMER_QUIZ_1053753	3	63%	0.07	3	32	0.23	10	0	20	2	

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count				
							1	2	3	4	5
HOMER_QUIZ_1053756	3	78%	0.34	3	32	0.17	2	5	25		
HOMER_QUIZ_1053854	1	75%	0.23	1	32	0.19	24	2	2	4	
HOMER_QUIZ_1053807	3	69%	-0.03	3	32	0.21	2	1	22	7	
HOMER_QUIZ_1053845	3	34%	0.01	2	32	0.23	2	18	11	1	
HOMER_QUIZ_1053758	4	91%	0.39	4	32	0.08	0	1	2	29	
HOMER_QUIZ_1053759	1	100%	0.00	1	32	0.00	32				
HOMER_QUIZ_1053760	1	72%	0.43	1	32	0.20	23	6	0	3	
HOMER_QUIZ_1053764	1	84%	-0.14	1	32	0.13	27	0	0	5	
HOMER_QUIZ_1053814	3	100%	0.00	3	32	0.00	0	0	32		
HOMER_QUIZ_1053765	4	91%	0.16	4	32	0.08	0	1	2	29	
HOMER_QUIZ_1053755	4	63%	0.46	4	32	0.23	11	0	1	20	
HOMER_QUIZ_1053824	4	81%	0.32	4	32	0.15	6	0	0	26	
HOMER_QUIZ_1053772	3	97%	0.10	3	32	0.03	1	0	31		
HOMER_QUIZ_1053829	3	94%	0.12	3	32	0.06	2	0	30		
HOMER_QUIZ_1053825	3	97%	0.56	3	32	0.03	1	0	31		
HOMER_QUIZ_1053852	2	66%	0.38	2	32	0.23	8	21	1	2	
HOMER_QUIZ_1053828	3	97%	-0.10	3	32	0.03	0	0	31	1	
HOMER_QUIZ_1053874	2	100%	0.00	2	32	0.00	0	32			
HOMER_QUIZ_1053768	2	88%	0.63	2	32	0.11	3	28	0	1	
HOMER_QUIZ_1053832	1	38%	0.21	1	32	0.23	12	11	4	5	
HOMER_QUIZ_1053849	4	94%	-0.04	4	32	0.06	0	1	1	30	
HOMER_QUIZ_1053826	4	78%	0.71	4	32	0.17	3	2	2	25	
HOMER_QUIZ_1053827	1	56%	0.47	1	32	0.25	18	4	4	6	
HOMER_QUIZ_1053818	1	97%	0.10	1	32	0.03	31	0	0	1	
HOMER_QUIZ_1053747	3	84%	0.25	3	32	0.13	2	2	27	1	
HOMER_QUIZ_1053819	4	84%	0.25	4	32	0.13	1	1	3	27	
HOMER_QUIZ_1053736	3	100%	0.00	3	32	0.00	0	0	32		
HOMER_QUIZ_1053737	2	88%	0.26	2	32	0.11	3	28	1		
HOMER_QUIZ_1053738	3	94%	0.43	3	32	0.06	1	1	30		
HOMER_QUIZ_1053739	4	100%	0.00	4	32	0.00	0	0	0	32	
HOMER_QUIZ_1053802	1	88%	0.22	1	32	0.11	28	1	1	2	
HOMER_QUIZ_1053803	4	28%	0.15	2	32	0.20	0	17	6	9	
HOMER_QUIZ_1053805	2	100%	0.00	2	32	0.00	0	32			
HOMER_QUIZ_1053806	2	88%	-0.08	2	32	0.11	1	28	0	3	
HOMER_QUIZ_1053860	2	53%	0.45	2	32	0.25	15	17			
HOMER_QUIZ_1053861	2	97%	0.10	2	32	0.03	1	31			
HOMER_QUIZ_1053862	1	100%	0.00	1	32	0.00	32				
HOMER_QUIZ_1053778	1	100%	0.00	1	32	0.00	32				
HOMER_QUIZ_1053863	1	97%	-0.12	1	32	0.03	31	1			
HOMER_QUIZ_1053864	2	100%	0.00	2	32	0.00	0	32			
HOMER_QUIZ_1053865	2	100%	0.00	2	32	0.00	0	32			
HOMER_QUIZ_1053779	1	100%	0.00	1	32	0.00	32				
HOMER_QUIZ_1053867	4	81%	0.51	4	32	0.15	0	0	3	26	3
HOMER_QUIZ_1053868	2	97%	0.10	2	32	0.03	0	31	0	1	
HOMER_QUIZ_1053780	3	97%	0.26	3	32	0.03	0	1	31		
HOMER_QUIZ_1053781	3	91%	0.22	3	32	0.08	0	0	29	3	
HOMER_QUIZ_1053869	2	97%	0.03	2	32	0.03	0	31	1		
HOMER_QUIZ_1053870	2	88%	0.37	2	32	0.11	0	28	4		
HOMER_QUIZ_1053782	4	100%	0.00	4	32	0.00	0	0	0	32	
HOMER_QUIZ_1053871	1	97%	0.10	1	32	0.03	31	0	1		
HOMER_QUIZ_1053872	4	97%	0.56	4	32	0.03	1	0	0	31	
HOMER_QUIZ_1053783	2	94%	0.26	2	32	0.06	1	30	1		

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count				
							1	2	3	4	5
HOMER_QUIZ_1053873	1	100%	0.00	1	32	0.00	32				
HOMER_QUIZ_1053784	1	94%	0.26	1	32	0.06	30	2			
HOMER_QUIZ_1053876	5	88%	0.30	5	32	0.11	1	3	0	0	28
HOMER_QUIZ_1053877	1	84%	0.61	1	32	0.13	27	1	0	1	3
HOMER_QUIZ_1053785	2	81%	0.27	2	32	0.15	1	26	2	1	2
HOMER_QUIZ_1053786	3	84%	-0.00	3	32	0.13	0	1	27	4	
HOMER_QUIZ_1053878	1	66%	0.20	1	32	0.23	21	10	1		
HOMER_QUIZ_1053787	2	72%	0.30	2	32	0.20	6	23	1	2	
HOMER_QUIZ_1053793	1	100%	0.00	1	32	0.00	32				
HOMER_QUIZ_1053794	3	94%	0.47	3	32	0.06	1	1	30		
HOMER_QUIZ_1053885	2	100%	0.00	2	32	0.00	0	32			
HOMER_QUIZ_1053887	4	97%	0.18	4	32	0.03	0	0	1	31	
HOMER_QUIZ_1053888	2	100%	0.00	2	32	0.00	0	32			
HOMER_QUIZ_1053889	1	100%	0.00	1	32	0.00	32				
HOMER_QUIZ_1053795	3	100%	0.00	3	32	0.00	0	0	32		
HOMER_QUIZ_1053896	1	97%	0.05	1	32	0.03	31	1			
HOMER_QUIZ_1053846	3	97%	0.10	3	32	0.03	0	1	31		
HOMER_QUIZ_1053796	3	100%	0.00	3	32	0.00	0	0	32		
HOMER_QUIZ_1053897	1	91%	-0.05	1	32	0.08	29	1	1	1	
HOMER_QUIZ_1053798	4	100%	0.00	4	32	0.00	0	0	0	32	
HOMER_QUIZ_1053799	3	78%	0.54	3	32	0.17	6	0	25	1	
HOMER_QUIZ_1053740	2	100%	0.00	2	32	0.00	0	32			
HOMER_QUIZ_1053741	1	100%	0.00	1	32	0.00	32				
HOMER_QUIZ_1053742	1	97%	0.26	1	32	0.03	31	1			
HOMER_QUIZ_1053743	4	100%	0.00	4	32	0.00	0	0	0	32	
HOMER_QUIZ_1053761	2	94%	0.27	2	32	0.06	0	30	2		
HOMER_QUIZ_1053762	3	94%	0.75	3	32	0.06	2	0	30		
HOMER_QUIZ_1053763	4	59%	0.42	4	32	0.24	2	2	9	19	
HOMER_QUIZ_1053766	1	91%	0.28	1	32	0.08	29	0	0	3	
HOMER_QUIZ_1053767	2	56%	0.26	2	32	0.25	13	18	0	1	
HOMER_QUIZ_1053831	4	84%	0.35	4	32	0.13	2	2	1	27	
HOMER_QUIZ_1053769	4	75%	0.36	4	32	0.19	0	6	2	24	
HOMER_QUIZ_1053833	2	94%	0.34	2	32	0.06	0	30	1	1	
HOMER_QUIZ_1053770	1	81%	0.13	1	32	0.15	26	2	2	2	
HOMER_QUIZ_1053771	4	100%	0.00	4	32	0.00	0	0	0	32	
HOMER_QUIZ_1053835	4	94%	0.35	4	32	0.06	1	0	0	30	1
HOMER_QUIZ_1053836	3	91%	0.45	3	32	0.08	0	1	29	1	1
HOMER_QUIZ_1053837	1	88%	0.05	1	32	0.11	28	0	0	1	3
HOMER_QUIZ_1053773	2	81%	0.36	2	32	0.15	2	26	0	0	4
HOMER_QUIZ_1053775	1	72%	0.66	1	32	0.20	23	4	1	4	
HOMER_QUIZ_1053776	1	100%	0.00	1	32	0.00	32				
HOMER_QUIZ_1053840	3	88%	0.20	3	32	0.11	2	2	28		
HOMER_QUIZ_1053841	3	100%	0.00	3	32	0.00	0	0	32		
HOMER_QUIZ_1053842	1	91%	0.78	1	32	0.08	29	1	0	2	
HOMER_QUIZ_1053777	2	97%	-0.10	2	32	0.03	0	31	0	1	
HOMER_QUIZ_1053843	3	50%	0.30	3	32	0.25	8	4	16	4	
HOMER_QUIZ_1053844	3	81%	-0.01	3	32	0.15	5	1	26		
HOMER_QUIZ_1053838	1	63%	0.19	1	32	0.23	20	5	7		
HOMER_QUIZ_1053839	1	78%	0.35	1	32	0.17	25	4	0	3	
HOMER_QUIZ_1053757	4	81%	0.12	4	32	0.15	3	3	0	26	
HOMER_QUIZ_1053886	2	63%	0.63	2	32	0.23	12	20			
HOMER_QUIZ_1053745	4	78%	0.05	4	32	0.17	0	3	4	25	

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count				
							1	2	3	4	5
HOMER_QUIZ_1053815	1	88%	0.14	1	32	0.11	28	4			
HOMER_QUIZ_1053816	3	91%	-0.07	3	32	0.08	2	1	29		
HOMER_QUIZ_1053817	2	84%	0.09	2	32	0.13	3	27	2		
HOMER_QUIZ_1053853	4	84%	0.03	4	32	0.13	0	1	1	27	3
HOMER_QUIZ_1053822	2	100%	0.00	2	32	0.00	0	32			
HOMER_QUIZ_1053823	4	63%	0.16	4	32	0.23	10	0	2	20	