Item Analysis Report

DMED512 Triple I Final

Descriptive Statistics

Number of Candidates:	**160**		Variance:	**161.10**
Number of Items:	**164**		Standard Deviation:	**12.69**
			Standard Error of Measurement:	**3.40**
Min Score:	**12/164**	**(7%)**	Reliability Measurement:	**0.928**
Max Score:	**163/164**	**(99%)**	Pass Score:	**123/164** **(75%)**
Mean Score:	**148/164**	**(91%)**	Pass Rate:	**159/160** **(99%)**

Discrimination/Difficulty Table

PBIS	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	> 90	TOTAL
> 70										22	22
60-69										13	13
50-59										12	12
40-49										28	28
30-39									6	26	32
20-29						1	4	5	17	8	35
10-19				1	1		3	3	2	1	11
0-9				1	1			1	1	7	11
< 0											
TOTAL				2	2	1	7	9	26	117	164

Difficulty Level

Pass Rate

	Fail	PM - 2 SEM	PM - 1 SEM	PM + 1 SEM	PM + 2 SEM	Pass
Raw	1	0	0	0	1	158
%	1%	0%	0%	0%	1%	99%

PM = Passing Mark
SEM = Standard Error of Measurement

Frequency Distribution

Score	Freq	%-ile	cum-%	Score	Freq	%-ile	cum-%	Score	Freq	%-ile	cum-%
12	1	0.31	0.63	61	0	0.63	0.63	110	0	0.63	0.63
13	0	0.63	0.63	62	0	0.63	0.63	111	0	0.63	0.63
14	0	0.63	0.63	63	0	0.63	0.63	112	0	0.63	0.63
15	0	0.63	0.63	64	0	0.63	0.63	113	0	0.63	0.63
16	0	0.63	0.63	65	0	0.63	0.63	114	0	0.63	0.63
17	0	0.63	0.63	66	0	0.63	0.63	115	0	0.63	0.63
18	0	0.63	0.63	67	0	0.63	0.63	116	0	0.63	0.63
19	0	0.63	0.63	68	0	0.63	0.63	117	0	0.63	0.63
20	0	0.63	0.63	69	0	0.63	0.63	118	0	0.63	0.63
21	0	0.63	0.63	70	0	0.63	0.63	119	0	0.63	0.63
22	0	0.63	0.63	71	0	0.63	0.63	120	0	0.63	0.63
23	0	0.63	0.63	72	0	0.63	0.63	121	0	0.63	0.63
24	0	0.63	0.63	73	0	0.63	0.63	122	0	0.63	0.63
25	0	0.63	0.63	74	0	0.63	0.63	123	0	0.63	0.63
26	0	0.63	0.63	75	0	0.63	0.63	124	0	0.63	0.63
27	0	0.63	0.63	76	0	0.63	0.63	125	0	0.63	0.63
28	0	0.63	0.63	77	0	0.63	0.63	126	0	0.63	0.63
29	0	0.63	0.63	78	0	0.63	0.63	127	1	0.94	1.25
30	0	0.63	0.63	79	0	0.63	0.63	128	0	1.25	1.25
31	0	0.63	0.63	80	0	0.63	0.63	129	0	1.25	1.25
32	0	0.63	0.63	81	0	0.63	0.63	130	1	1.56	1.88
33	0	0.63	0.63	82	0	0.63	0.63	131	0	1.88	1.88
34	0	0.63	0.63	83	0	0.63	0.63	132	0	1.88	1.88
35	0	0.63	0.63	84	0	0.63	0.63	133	1	2.19	2.50
36	0	0.63	0.63	85	0	0.63	0.63	134	2	3.13	3.75
37	0	0.63	0.63	86	0	0.63	0.63	135	2	4.38	5.00
38	0	0.63	0.63	87	0	0.63	0.63	136	3	5.94	6.88
39	0	0.63	0.63	88	0	0.63	0.63	137	1	7.19	7.50
40	0	0.63	0.63	89	0	0.63	0.63	138	0	7.50	7.50
41	0	0.63	0.63	90	0	0.63	0.63	139	4	8.75	10.00
42	0	0.63	0.63	91	0	0.63	0.63	140	0	10.00	10.00
43	0	0.63	0.63	92	0	0.63	0.63	141	5	11.56	13.13
44	0	0.63	0.63	93	0	0.63	0.63	142	3	14.06	15.00
45	0	0.63	0.63	94	0	0.63	0.63	143	2	15.63	16.25
46	0	0.63	0.63	95	0	0.63	0.63	144	4	17.50	18.75
47	0	0.63	0.63	96	0	0.63	0.63	145	9	21.56	24.38
48	0	0.63	0.63	97	0	0.63	0.63	146	6	26.25	28.13
49	0	0.63	0.63	98	0	0.63	0.63	147	12	31.87	35.63
50	0	0.63	0.63	99	0	0.63	0.63	148	11	39.06	42.50
51	0	0.63	0.63	100	0	0.63	0.63	149	15	47.19	51.88
52	0	0.63	0.63	101	0	0.63	0.63	150	4	53.13	54.37
53	0	0.63	0.63	102	0	0.63	0.63	151	4	55.63	56.88
54	0	0.63	0.63	103	0	0.63	0.63	152	9	59.69	62.50
55	0	0.63	0.63	104	0	0.63	0.63	153	10	65.63	68.75
56	0	0.63	0.63	105	0	0.63	0.63	154	15	73.44	78.13
57	0	0.63	0.63	106	0	0.63	0.63	155	6	80.00	81.88
58	0	0.63	0.63	107	0	0.63	0.63	156	8	84.38	86.88
59	0	0.63	0.63	108	0	0.63	0.63	157	9	89.69	92.50
60	0	0.63	0.63	109	0	0.63	0.63	158	5	94.06	95.63

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count 1	2	3	4	5
HOMER_QUIZ_1053608	1	93%	0.02	1	160	0.06	149	3	8		
HOMER_QUIZ_1053714	4	98%	0.46	4	159	0.02	1	1	1	156	
HOMER_QUIZ_1053632	3	83%	0.27	3	159	0.14	12	3	133	11	
HOMER_QUIZ_1053633	1	35%	0.02	3	160	0.23	56	3	97	4	
HOMER_QUIZ_1053617	3	43%	0.19	3	159	0.25	17	60	69	13	
HOMER_QUIZ_1053592	4	97%	0.09	4	160	0.03	0	0	5	155	
HOMER_QUIZ_1053597	4	76%	0.23	4	159	0.18	11	2	25	121	
HOMER_QUIZ_1053599	1	69%	0.12	1	159	0.21	111	41	5	2	
HOMER_QUIZ_1053622	4	99%	0.60	4	159	0.01	1	0	0	158	
HOMER_QUIZ_1053623	3	97%	0.43	3	159	0.03	4	0	155		
HOMER_QUIZ_1053692	3	76%	0.17	3	159	0.18	31	4	121	3	
HOMER_QUIZ_1053624	4	98%	0.48	4	159	0.02	2	0	1	156	
HOMER_QUIZ_1053693	3	91%	0.35	3	159	0.08	10	2	146	1	
HOMER_QUIZ_1053694	3	99%	0.85	3	159	0.01	0	0	159		
HOMER_QUIZ_1053695	4	96%	0.38	4	159	0.04	2	2	1	154	
HOMER_QUIZ_1053696	4	96%	0.39	4	159	0.04	0	0	6	153	
HOMER_QUIZ_1053625	1	99%	0.05	1	160	0.01	159	1			
HOMER_QUIZ_1053626	1	96%	0.42	1	159	0.04	153	2	3	1	
HOMER_QUIZ_1053715	3	75%	0.24	3	159	0.19	16	19	120	4	
HOMER_QUIZ_1053572	4	87%	0.29	4	159	0.11	4	1	15	139	
HOMER_QUIZ_1053576	2	99%	0.85	2	159	0.01	0	159			
HOMER_QUIZ_1053726	2	87%	0.11	2	160	0.11	1	139	17	3	
HOMER_QUIZ_1053727	4	88%	0.28	4	159	0.11	14	4	1	140	
HOMER_QUIZ_1053640	1	99%	0.85	1	159	0.01	159				
HOMER_QUIZ_1053706	2	97%	0.50	2	159	0.03	3	155	0	1	
HOMER_QUIZ_1053702	1	87%	0.28	1	159	0.11	139	4	13	3	
HOMER_QUIZ_1053634	3	92%	0.28	3	159	0.07	2	2	147	8	
HOMER_QUIZ_1053635	4	32%	0.16	1	159	0.22	52	40	16	51	
HOMER_QUIZ_1053641	4	99%	0.85	4	159	0.01	0	0	0	159	
HOMER_QUIZ_1053716	2	81%	0.23	2	159	0.15	2	130	4	23	
HOMER_QUIZ_1053705	4	96%	0.38	4	159	0.04	3	0	2	154	
HOMER_QUIZ_1053636	3	99%	0.85	3	159	0.01	0	0	159		
HOMER_QUIZ_1053637	2	99%	0.85	2	159	0.01	0	159			
HOMER_QUIZ_1053678	1	96%	0.43	1	159	0.04	153	2	1	3	
HOMER_QUIZ_1053598	1	98%	0.54	1	159	0.02	157	0	1	1	
HOMER_QUIZ_1053590	3	84%	0.08	3	160	0.13	3	9	135	13	
HOMER_QUIZ_1053642	3	97%	0.44	3	159	0.03	2	2	155		
HOMER_QUIZ_1053643	3	96%	0.07	3	160	0.04	0	1	153	6	
HOMER_QUIZ_1053621	4	90%	0.23	4	159	0.09	0	10	5	144	
HOMER_QUIZ_1053589	1	98%	0.56	1	159	0.02	157	1	1		
HOMER_QUIZ_1053648	1	95%	0.37	1	159	0.05	152	2	2	3	
HOMER_QUIZ_1053717	3	91%	0.39	3	159	0.08	4	8	146	1	
HOMER_QUIZ_1053593	3	82%	0.27	3	159	0.15	2	0	131	26	
HOMER_QUIZ_1053650	3	99%	0.85	3	159	0.01	0	0	159		
HOMER_QUIZ_1053718	2	99%	0.60	2	159	0.01	0	158	1		
HOMER_QUIZ_1053652	2	98%	0.06	2	160	0.02	2	156	1	1	
HOMER_QUIZ_1053653	3	68%	0.25	3	159	0.22	21	2	109	26	1
HOMER_QUIZ_1053654	3	98%	0.49	3	159	0.02	2	0	156	1	
HOMER_QUIZ_1053658	1	96%	0.42	1	159	0.04	154	3	1	1	
HOMER_QUIZ_1053655	2	99%	0.85	2	159	0.01	0	159			
HOMER_QUIZ_1053656	1	94%	0.36	1	159	0.06	150	0	9		
HOMER_QUIZ_1053657	3	75%	0.19	3	159	0.19	37	1	120	1	

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count 1	2	3	4	5
HOMER_QUIZ_1053660	3	90%	0.40	3	159	0.09	6	9	144		
HOMER_QUIZ_1053596	1	78%	0.22	1	159	0.17	124	9	4	22	
HOMER_QUIZ_1053712	3	72%	0.08	3	160	0.20	22	12	115	11	
HOMER_QUIZ_1053587	3	43%	0.08	2	159	0.25	2	88	69		
HOMER_QUIZ_1053662	4	99%	0.57	4	159	0.01	0	1	0	158	
HOMER_QUIZ_1053663	1	99%	0.85	1	159	0.01	159				
HOMER_QUIZ_1053664	1	85%	0.23	1	160	0.13	136	17	2	5	
HOMER_QUIZ_1053668	1	83%	0.19	1	159	0.14	133	1	0	25	
HOMER_QUIZ_1053719	3	93%	0.27	3	159	0.06	1	7	149	2	
HOMER_QUIZ_1053669	4	96%	0.41	4	159	0.04	0	0	5	154	
HOMER_QUIZ_1053659	4	81%	0.31	4	159	0.15	24	3	2	130	
HOMER_QUIZ_1053566	4	93%	0.37	4	159	0.06	10	0	0	149	
HOMER_QUIZ_1053676	3	98%	0.47	3	159	0.02	2	0	156	1	
HOMER_QUIZ_1053571	3	96%	0.39	3	159	0.04	6	0	153		
HOMER_QUIZ_1053567	3	99%	0.66	3	159	0.01	0	0	158	1	
HOMER_QUIZ_1053594	2	88%	0.30	2	159	0.10	13	141	1	4	
HOMER_QUIZ_1053570	3	93%	0.37	3	159	0.06	0	3	149	7	
HOMER_QUIZ_1053616	2	99%	0.66	2	159	0.01	1	158			
HOMER_QUIZ_1053672	2	87%	0.30	2	159	0.11	1	139	6	13	
HOMER_QUIZ_1053574	1	56%	0.27	1	159	0.25	90	36	28	5	
HOMER_QUIZ_1053591	4	94%	0.30	4	159	0.05	1	0	7	151	
HOMER_QUIZ_1053568	4	94%	0.17	4	160	0.06	4	3	3	150	
HOMER_QUIZ_1053569	1	78%	0.28	1	159	0.17	124	9	10	16	
HOMER_QUIZ_1053723	1	98%	0.06	1	160	0.02	157	0	1	2	
HOMER_QUIZ_1053651	3	88%	0.26	3	159	0.10	6	9	141	3	
HOMER_QUIZ_1053724	4	92%	0.39	4	159	0.07	5	3	4	147	
HOMER_QUIZ_1053730	3	99%	0.85	3	159	0.01	0	0	159		
HOMER_QUIZ_1053731	2	81%	0.27	2	159	0.15	16	130	7	6	
HOMER_QUIZ_1053732	3	97%	0.41	3	159	0.03	1	1	155	2	
HOMER_QUIZ_1053733	4	96%	0.04	4	160	0.04	7	0	0	153	
HOMER_QUIZ_1053602	2	68%	0.22	2	159	0.22	50	109			
HOMER_QUIZ_1053603	2	99%	0.64	2	159	0.01	1	158			
HOMER_QUIZ_1053604	1	98%	0.47	1	159	0.02	157	2			
HOMER_QUIZ_1053682	1	99%	0.60	1	159	0.01	158	1			
HOMER_QUIZ_1053605	1	98%	0.53	1	159	0.02	157	2			
HOMER_QUIZ_1053606	2	99%	0.85	2	159	0.01	0	159			
HOMER_QUIZ_1053607	2	99%	0.60	2	159	0.01	1	158			
HOMER_QUIZ_1053683	1	98%	0.52	1	159	0.02	157	0	1	0	1
HOMER_QUIZ_1053609	4	90%	0.33	4	159	0.09	0	0	3	144	12
HOMER_QUIZ_1053610	2	99%	0.85	2	159	0.01	0	159			
HOMER_QUIZ_1053684	3	98%	0.55	3	159	0.02	1	0	157	1	
HOMER_QUIZ_1053685	3	91%	0.26	3	159	0.08	1	3	146	9	
HOMER_QUIZ_1053611	2	94%	0.40	2	159	0.05	7	151	0	1	
HOMER_QUIZ_1053612	2	93%	0.31	2	159	0.07	0	148	10	1	
HOMER_QUIZ_1053686	4	97%	0.41	4	159	0.03	1	2	1	155	
HOMER_QUIZ_1053613	1	99%	0.85	1	159	0.01	159				
HOMER_QUIZ_1053614	4	99%	0.85	4	159	0.01	0	0	0	159	
HOMER_QUIZ_1053687	2	95%	0.37	2	159	0.05	4	152	0	3	
HOMER_QUIZ_1053615	1	99%	0.85	1	159	0.01	159				
HOMER_QUIZ_1053688	1	98%	0.51	1	159	0.02	157	1	1		
HOMER_QUIZ_1053618	5	99%	0.65	5	159	0.01	0	1	0	0	158
HOMER_QUIZ_1053619	1	98%	0.48	1	159	0.02	156	0	0	2	1

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count				
							1	2	3	4	5
HOMER_QUIZ_1053689	2	94%	0.32	2	159	0.06	0	150	2	7	
HOMER_QUIZ_1053690	3	95%	0.28	3	159	0.05	1	0	152	6	
HOMER_QUIZ_1053620	1	92%	0.32	1	159	0.07	147	9	2	1	
HOMER_QUIZ_1053691	2	81%	0.31	2	159	0.15	22	130	2	5	
HOMER_QUIZ_1053697	1	99%	0.85	1	159	0.01	159				
HOMER_QUIZ_1053698	3	98%	0.46	3	159	0.02	1	2	156		
HOMER_QUIZ_1053627	2	97%	0.41	2	159	0.03	0	155	4		
HOMER_QUIZ_1053629	4	99%	0.70	4	159	0.01	0	0	1	158	
HOMER_QUIZ_1053630	2	99%	0.85	2	159	0.01	0	159			
HOMER_QUIZ_1053631	1	99%	0.85	1	159	0.01	159				
HOMER_QUIZ_1053699	3	99%	0.70	3	159	0.01	0	0	158	1	
HOMER_QUIZ_1053638	1	96%	0.38	1	159	0.04	153	5	1		
HOMER_QUIZ_1053588	3	99%	0.58	3	159	0.01	0	0	158	1	
HOMER_QUIZ_1053701	3	99%	0.85	3	159	0.01	0	0	159		
HOMER_QUIZ_1053639	1	96%	0.38	1	159	0.04	154	3	0	2	
HOMER_QUIZ_1053703	4	99%	0.59	4	159	0.01	0	1	0	158	
HOMER_QUIZ_1053704	3	90%	0.41	3	159	0.09	15	0	144		
HOMER_QUIZ_1053644	2	99%	0.58	2	159	0.01	0	158	1		
HOMER_QUIZ_1053645	1	98%	0.52	1	159	0.02	157	0	0	2	
HOMER_QUIZ_1053646	1	96%	0.43	1	159	0.04	153	0	6		
HOMER_QUIZ_1053647	4	98%	0.45	4	159	0.02	0	3	0	156	
HOMER_QUIZ_1053665	2	94%	0.42	2	159	0.05	1	151	7		
HOMER_QUIZ_1053666	3	99%	0.61	3	159	0.01	0	1	158		
HOMER_QUIZ_1053667	4	84%	0.29	4	159	0.14	11	3	11	134	
HOMER_QUIZ_1053670	1	98%	0.41	1	159	0.02	156	0	0	3	
HOMER_QUIZ_1053671	2	70%	0.17	2	159	0.21	43	112	2	2	
HOMER_QUIZ_1053573	4	92%	0.35	4	159	0.07	7	2	3	147	
HOMER_QUIZ_1053673	4	88%	0.21	4	159	0.10	2	13	3	141	
HOMER_QUIZ_1053575	2	89%	0.25	2	159	0.09	3	143	12	1	
HOMER_QUIZ_1053674	1	89%	0.32	1	159	0.09	143	10	4	2	
HOMER_QUIZ_1053675	4	98%	0.48	4	159	0.02	0	2	1	156	
HOMER_QUIZ_1053577	4	98%	0.49	4	159	0.02	0	0	0	157	2
HOMER_QUIZ_1053578	3	95%	0.36	3	159	0.05	1	0	152	0	6
HOMER_QUIZ_1053579	1	95%	0.31	1	159	0.05	152	0	0	0	7
HOMER_QUIZ_1053677	2	83%	0.25	2	159	0.14	8	133	3	0	15
HOMER_QUIZ_1053679	1	90%	0.39	1	159	0.09	144	5	0	10	
HOMER_QUIZ_1053680	1	99%	0.85	1	159	0.01	159				
HOMER_QUIZ_1053582	3	92%	0.25	3	159	0.07	4	7	147	1	
HOMER_QUIZ_1053583	3	98%	0.43	3	159	0.02	1	0	156	2	
HOMER_QUIZ_1053584	1	97%	0.53	1	159	0.03	155	0	1	3	
HOMER_QUIZ_1053681	2	99%	0.66	2	159	0.01	0	158	0	1	
HOMER_QUIZ_1053585	3	68%	0.26	3	159	0.22	12	19	108	20	
HOMER_QUIZ_1053586	3	85%	0.21	3	159	0.13	9	14	136		
HOMER_QUIZ_1053580	1	61%	0.24	1	159	0.24	98	28	23	10	
HOMER_QUIZ_1053581	1	68%	0.18	1	159	0.22	108	23	3	25	
HOMER_QUIZ_1053707	3	96%	0.48	3	159	0.04	0	1	154	4	
HOMER_QUIZ_1053708	2	99%	0.62	2	159	0.01	0	158	1		
HOMER_QUIZ_1053710	4	95%	0.45	4	159	0.05	1	0	6	152	
HOMER_QUIZ_1053711	1	99%	0.66	1	159	0.01	158	0	0	1	
HOMER_QUIZ_1053709	2	87%	0.32	2	159	0.11	8	139	1	11	
HOMER_QUIZ_1053713	4	91%	0.27	4	159	0.08	2	1	10	146	
HOMER_QUIZ_1053661	4	93%	0.35	4	159	0.06	3	3	4	149	

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count 1	2	3	4	5
HOMER_QUIZ_1053628	2	62%	0.18	2	159	0.24	60	99			
HOMER_QUIZ_1053649	4	89%	0.24	4	159	0.10	1	7	9	142	
HOMER_QUIZ_1053720	1	86%	0.35	1	159	0.12	137	14	7	1	
HOMER_QUIZ_1053721	3	91%	0.42	3	159	0.08	6	4	146	2	1
HOMER_QUIZ_1053722	2	92%	0.38	2	159	0.07	8	147	1	3	
HOMER_QUIZ_1053595	4	88%	0.30	4	159	0.11	5	1	1	140	12
HOMER_QUIZ_1053728	2	99%	0.66	2	159	0.01	0	158	0	1	
HOMER_QUIZ_1053729	4	72%	0.29	4	159	0.20	36	2	6	115	