

# Item Analysis Report

PEDS 546 Exit Exam

## Descriptive Statistics

Number of Candidates:	21	Variance:	50.37	Min Score:	52/89	(58%)
Number of Items:	89	Standard Deviation:	7.10	Max Score:	78/89	(88%)
Pass Score:	53/89	Standard Error of Measurement:	3.62	Mean Score:	65/89	(73%)
Pass Rate:	19/21	Reliability Measurement:	0.739			

## Discrimination/Difficulty Table

PBIS	> 70					1		1			2
	60-69								2		2
	50-59				1				1		2
	40-49			2	1	1		2	2	4	12
	30-39			2	2	2	2	1	2	2	13
	20-29		2		1	1	2	2	2	3	13
	10-19	1			1		2	3	3	1	11
	0-9		1				2	2	2	10	17
	< 0	1		1		1	3	1	2	8	17
	TOTAL	1	1	4	4	6	6	11	12	16	28
<div>0-910-1920-2930-3940-4950-5960-6970-7980-89&gt; 90TOTAL</div> <div>Difficulty Level</div>											

## Pass Rate

	Fail	PM - 2 SEM	PM - 1 SEM	PM + 1 SEM	PM + 2 SEM	Pass
Raw	0	0	2	1	3	15
%	0%	0%	10%	5%	14%	71%

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

## Frequency Distribution

Score	Freq	%-ile	cum-%
52	2	4.76	9.52
53	0	9.52	9.52
54	0	9.52	9.52
55	0	9.52	9.52
56	1	11.90	14.29
57	0	14.29	14.29
58	0	14.29	14.29
59	0	14.29	14.29
60	3	21.43	28.57
61	0	28.57	28.57
62	3	35.71	42.86
63	0	42.86	42.86
64	1	45.24	47.62
65	1	50.00	52.38
66	3	59.52	66.67
67	1	69.05	71.43
68	0	71.43	71.43
69	1	73.81	76.19
70	0	76.19	76.19
71	1	78.57	80.95
72	0	80.95	80.95
73	1	83.33	85.71
74	0	85.71	85.71
75	1	88.10	90.48
76	0	90.48	90.48
77	1	92.86	95.24
78	1	97.62	100.00

Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count									
							1	2	3	4	5	6	7	8	9	10
HOMER_QUIZ_1052803	2	67%	0.32	2	21	0.22	0	14	5	2						
HOMER_QUIZ_1052804	5	95%	0.41	5	21	0.05	0	0	1	0	20					
HOMER_QUIZ_1052805	5	90%	0.13	5	21	0.09	0	2	0	0	19					
HOMER_QUIZ_1052806	5	81%	0.01	5	21	0.15	0	0	0	4	17					
HOMER_QUIZ_1052807	4	100%	0.00	4	21	0.00	0	0	0	21						
HOMER_QUIZ_1052808	4	76%	0.50	4	21	0.18	4	0	0	16	1					
HOMER_QUIZ_1052809	3	90%	-0.07	3	21	0.09	1	0	19	1						
HOMER_QUIZ_1052810	3	48%	0.35	3	21	0.25	1	2	10	7	1					
HOMER_QUIZ_1052811	5	67%	-0.01	5	21	0.22	0	7	0	0	14					
HOMER_QUIZ_1052812	2	76%	0.18	2	21	0.18	0	16	3	1	1					
HOMER_QUIZ_1052813	1	48%	0.19	1	21	0.25	10	1	5	4	1					
HOMER_QUIZ_1052814	2	29%	0.25	1	21	0.20	10	6	2	3						
HOMER_QUIZ_1052815	4	19%	0.14	3	21	0.15	6	1	10	4						
HOMER_QUIZ_1052816	1	52%	0.74	1	21	0.25	11	7	2	1						
HOMER_QUIZ_1052817	4	57%	0.40	4	21	0.24	4	1	1	12	3					
HOMER_QUIZ_1052818	3	81%	-0.04	3	21	0.15	1	3	17							
HOMER_QUIZ_1052819	4	95%	-0.26	4	21	0.05	1	0	0	20						
HOMER_QUIZ_1052820	3	100%	0.00	3	21	0.00	0	0	21							
HOMER_QUIZ_1052821	3	95%	-0.03	3	21	0.05	1	0	20							
HOMER_QUIZ_1052822	2	57%	-0.03	2	21	0.24	2	12	1	5	1					
HOMER_QUIZ_1052823	2	90%	-0.42	2	21	0.09	0	19	2							
HOMER_QUIZ_1052824	5	95%	-0.32	5	21	0.05	1	0	0	0	20					
HOMER_QUIZ_1052825	4	43%	0.35	4	21	0.24	0	4	0	9	8					
HOMER_QUIZ_1052832	1	57%	0.46	1	21	0.24	12	1	8							
HOMER_QUIZ_1052833	4	62%	0.11	4	21	0.24	4	0	0	13	4					
HOMER_QUIZ_1052834	1	71%	0.10	1	21	0.20	15	0	1	4	1					
HOMER_QUIZ_1052835	5	100%	0.00	5	21	0.00	0	0	0	0	21					
HOMER_QUIZ_1052836	1	67%	0.25	1	21	0.22	14	4	0	1	2					
HOMER_QUIZ_1052837	5	48%	0.24	5	21	0.25	5	5	1	0	10					
HOMER_QUIZ_1052838	5	95%	0.41	5	21	0.05	0	0	0	1	20					
HOMER_QUIZ_1052839	4	33%	0.35	1	21	0.22	9	2	2	7	1					
HOMER_QUIZ_1052840	3	29%	-0.01	4	21	0.20	0	0	6	15						
HOMER_QUIZ_1052841	5	67%	0.33	5	21	0.22	2	5	0	0	14					
HOMER_QUIZ_1052842	4	86%	0.17	4	21	0.12	0	3	0	18						

## Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count									
							1	2	3	4	5	6	7	8	9	10
HOMER_QUIZ_1052843	3	86%	0.21	3	21	0.12	1	0	18	0	2					
HOMER_QUIZ_1052844	1	76%	0.18	1	21	0.18	16	5								
HOMER_QUIZ_1052846	1	29%	0.07	4	21	0.20	6	1	0	10	4					
HOMER_QUIZ_1052847	3	62%	-0.07	3	21	0.24	0	6	13	1	1					
HOMER_QUIZ_1052848	3	81%	0.06	3	21	0.15	0	0	17	4						
HOMER_QUIZ_1052849	5	95%	-0.00	5	21	0.05	0	0	0	1	20					
HOMER_QUIZ_1052854	1	76%	0.13	1	21	0.18	16	1	1	3						
HOMER_QUIZ_1052855	5	33%	0.42	5	21	0.22	0	4	6	4	7					
HOMER_QUIZ_1052856	2	76%	0.48	2	21	0.18	0	16	0	0	5					
HOMER_QUIZ_1052857	3	29%	0.29	3	21	0.20	4	5	6	1	5					
HOMER_QUIZ_1052858	4	71%	-0.22	4	21	0.20	2	1	0	15	3					
HOMER_QUIZ_1052862	2	100%	0.00	2	21	0.00	0	21								
HOMER_QUIZ_1052863	2	81%	0.51	2	21	0.15	2	17	2							
HOMER_QUIZ_1052864	3	100%	0.00	3	21	0.00	0	0	21							
HOMER_QUIZ_1052865	4	81%	0.35	4	21	0.15	0	2	0	17	2					
HOMER_QUIZ_1052866	5	100%	0.00	5	21	0.00	0	0	0	0	21					
HOMER_QUIZ_1052867	3	95%	0.28	3	21	0.05	1	0	20							
HOMER_QUIZ_1052868	3	100%	0.00	3	21	0.00	0	0	21							
HOMER_QUIZ_1052869	2	76%	0.24	2	21	0.18	0	16	1	0	4					
HOMER_QUIZ_1052870	1	67%	0.05	1	21	0.22	14	1	0	3	3					
HOMER_QUIZ_1052871	4	95%	-0.03	4	21	0.05	0	1	0	20						
HOMER_QUIZ_1052872	4	90%	0.29	4	20	0.09	0	1	0	19						
HOMER_QUIZ_1052873	3	71%	0.73	3	20	0.20	0	5	15							
HOMER_QUIZ_1052874	2	62%	0.20	2	20	0.24	2	13	0	1	4					
HOMER_QUIZ_1052875	4	33%	0.37	2	20	0.22	1	10	2	7						
HOMER_QUIZ_1052876	1	90%	0.20	1	20	0.09	19	1								
HOMER_QUIZ_1052877	2	48%	0.42	2	21	0.25	3	10	0	6	2					
HOMER_QUIZ_1052878	3	81%	0.35	3	20	0.15	0	0	17	1	2					
HOMER_QUIZ_1052879	5	95%	0.41	5	20	0.05	0	0	0	0	20					
HOMER_QUIZ_1052797	-1	5%	-0.41	3	20	0.05	2	0	18							
HOMER_QUIZ_1052880	3	57%	0.25	3	20	0.24	0	3	12	2	3					
HOMER_QUIZ_1052798	4	38%	0.44	4	21	0.24	3	5	0	8	5					
HOMER_QUIZ_1052799	2	90%	0.36	2	20	0.09	0	19	1							
HOMER_QUIZ_1052881	2	81%	0.22	2	20	0.15	1	17	0	1	1					

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							1	2	3	4	5	6	7	8	9	10
HOMER_QUIZ_1052800	5	81%	0.68	5	20	0.15	2	1	0	0	17					
HOMER_QUIZ_1052882	1	100%	0.00	1	21	0.00	21									
HOMER_QUIZ_1052883	2	48%	0.55	2	21	0.25	3	10	4	4						
HOMER_QUIZ_1052884	5	57%	0.33	5	21	0.24	0	9	0	0	12					
HOMER_QUIZ_1052885	3	67%	0.29	3	21	0.22	5	1	14	0	1					
HOMER_QUIZ_1052886	2	81%	-0.01	2	21	0.15	0	17	3	0	1					
HOMER_QUIZ_1052887	4	86%	0.13	4	21	0.12	0	0	0	18	3					
HOMER_QUIZ_1052888	2	62%	-0.25	2	21	0.24	1	13	0	5	2					
HOMER_QUIZ_1052859	1	90%	-0.03	1	21	0.09	19	0	0	0	0	0	0	0	2	
HOMER_QUIZ_1052860	3	76%	0.01	3	21	0.18	0	0	16	2	1	0	0	0	0	2
HOMER_QUIZ_1052861	8	86%	0.44	8	21	0.12	0	0	0	3	0	0	0	18		
HOMER_QUIZ_1052826	1	100%	0.00	1	21	0.00	21									
HOMER_QUIZ_1052827	7	95%	0.41	7	21	0.05	0	0	0	0	0	0	20	1		
HOMER_QUIZ_1052828	3	86%	0.47	3	21	0.12	0	3	18							
HOMER_QUIZ_1052829	2	90%	0.32	2	21	0.09	0	19	2							
HOMER_QUIZ_1052830	4	71%	0.39	4	21	0.20	0	0	4	15	2					
HOMER_QUIZ_1052831	6	100%	0.00	6	21	0.00	0	0	0	0	0	21				
HOMER_QUIZ_1052850	1	71%	0.21	1	21	0.20	15	0	2	0	0	0	0	0	4	
HOMER_QUIZ_1052851	8	62%	0.03	8	21	0.24	0	1	7	0	0	0	0	13		
HOMER_QUIZ_1052852	7	81%	0.13	7	21	0.15	0	1	0	0	0	0	17	0	3	
HOMER_QUIZ_1052853	6	81%	0.61	6	21	0.15	1	0	2	0	0	17	1			