

Exam Analysis Report

Form 1

Instructor: Doe, John
Course: CRSE-110 - T1 - Section - 001

Exam ID: 15511
Number of Students Tested: 23

High: 74.00 (98.7%)	Low: 45.00 (60.0%)	Mean: 59.43 (79.2%)	Median: 57.00 (76.0%)	Standard Deviation: 8.71	Cronbach's Alpha: 0.74
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ITEM	A		B		C		D		E		F		G		H		I		J		PBS
	TTL	R	TTL	R	TTL	R	TTL	R	TTL	R	TTL	R	TTL	R	TTL	R	TTL	R	TTL	R	
1 - 87.0%	20	.79/.12	3	.79/.10																	.02
2 - 91.3%	2	.66/.08	21	.81/.11																	.36
3 - 73.9%	6	.78/.12	17	.80/.12																	.09
4 - 78.3%	5	.77/.12	18	.80/.12																	.11
5 - 82.6%	19	.80/.12	4	.76/.12																	.14
6 - 91.3%	21	.80/.12	1	.73/.00			1	.68/.00													.23
7 - 100.0%			23	.79/.12																	.00
8 - 82.6%	2	.75/.11					2	.73/.01	19	.80/.12											.23
9 - 60.9%	7	.69/.05	14	.86/.10	2	.71/.04															.72
10 - 73.9%					17	.81/.11	6	.73/.12													.33
11 - 87.0%	3	.66/.05								20	.81/.11										.46
12 - 78.3%			4	.77/.07			18	.79/.12	1	.95/.00											-.07
13 - 100.0%										23	.79/.12										.00
14 - 91.3%	21	.81/.11	1	.60/.00	1	.71/.00															.38
15 - 82.6%					3	.78/.06	19	.79/.12	1	.95/.00											-.11
16 - 82.6%	19	.81/.12			4	.70/.03															.36
17 - 78.3%			5	.74/.09			18	.81/.12													.24

Understanding Your Report: Next to each Item number is the % of students that answered the item correctly. The TTL column indicates the total number of students that selected the represented option. The R value is the mean score (%) and Std. Deviation of scores for a particular distractor. You would expect that the students that did well on the exam selected the correct response, thus generating a higher mean score and a higher PBS (Point Biserial Correlation). In cases where an incorrect response distracted students that did well on the exam, exhibited by a high R value, should result in a lower PBS score. PBS score ranges from -1.0 to 1.0, with a minimum desired score greater than 0.15. Refer to the color legend to identify problem items.

Color Legend:	Correct	Incorrect	Review	Marginal	Better	Best
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