



Exam Analysis Report

Form A {LINKED}

Instructor:
Course: XXXX XXX - Quiz2.4 SP17 - Section: ALL

Exam ID: XXX
Number of Students Tested: 260

High: 98 (100.0%) **Low:** 28 (28.6%) **Mean:** 75.01 (76.5%) **Median:** 77.00 (78.6%) **Standard Deviation:** 15.45 **Cronbach's Alpha** .58

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 - 97.3%	7	.60/.22	253	.77/.15																	.17
2 - 85.0%	38	.60/.17	221	.79/.14	1	.64/.00															.43
3 - 91.5%	22	.59/.17	238	.78/.15																	.34
4 - 75.8%	14	.67/.14	14	.63/.16	35	.63/.15	197	.81/.14													.45
5 - 71.2%	185	.81/.13	21	.60/.14	46	.67/.14	8	.61/.19													.49
6 - 57.3%	58	.73/.12	149	.83/.13	35	.65/.16	18	.56/.14													.47
7 - 83.1%	39	.69/.17	179	.78/.16	4	.63/.11	37	.81/.12													.22
8 - 48.8%	28	.59/.14	47	.72/.15	57	.70/.14	127	.85/.12													.51
9 - 60.8%	35	.65/.17	31	.71/.15	158	.81/.14	35	.71/.13													.39
10 - 65.8%	33	.71/.11	55	.63/.17	171	.82/.13															.47
11 - 78.5%	39	.66/.16	17	.65/.15	204	.79/.14															.36
12 - 91.5%	238	.79/.14	22	.53/.15																	.46
13 - 73.5%	191	.80/.14	55	.68/.15	7	.74/.12	7	.53/.16													.36
14 - 91.5%	7	.63/.15	12	.55/.21	238	.78/.14	3	.52/.12													.37

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.

Report Date: Wednesday, February 15, 2017 04:42:43

Color Legend: Correct Incorrect Review Marginal Better Best

Page: 1