SCANTRON®
ASSESSMENT SOLUTIONS

ParSystem®
Integrated Testing Suite

Sample Reports

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ParScore Reports

Answer Key Report

Print an answer key for a designated test and test version. The subjective score value is printed automatically as part of the report.

Scantron Academy
Answer Key Report On Quiz 1 Version A

Course #:	F-14501	Instructor:	Mr. Scantron
Course Title:	Sample Reports	Description:	
Day/Time:		Term/Year:	Aug 2001

Total no. of items: 25   Subjective Score: 0

Item	Answer	Weight	Penalty
1	A	5.00	0.00
2	D	1.00	0.00
3	D	1.00	0.00
4	A	1.00	0.00
5	B	1.00	0.00
6	C	1.00	0.00
7	AB	1.00	0.00
8	A	1.00	0.00
9	B	1.00	0.00
10	C	1.00	0.00
11	A	1.00	0.00
12	A	1.00	0.00
13	D	1.00	0.00
14	B	1.00	0.00
15	B	1.00	0.00
16	E	1.00	0.00
17	B	1.00	0.00
18	A	1.00	0.00
19	D	1.00	0.00
20	A	1.00	0.00
21	E	1.00	0.00
22	B	1.00	0.00
23	C	1.00	0.00
24	*	1.00	0.00
25	A	1.00	0.00

Attendance Reports

Preview or print complete attendance rosters, or a portion of a roster, to create a printed record of student attendance. You can also choose to include student names, IDs, and codes on reports. In addition, you can specify the beginning and ending dates of the report.

Attendance Roster Report

The Attendance Roster Report contains the entire attendance roster, or a section of an attendance roster you specify, either by name, ID number, and date. Days that are not session meeting days do not appear. You can preview/print this report with or without student names, identification numbers, and code descriptions.

Scantron Academy
Attendance Roster — **Absence Unexcused**

Course #:	F-14501	Instructor: Mr. Scantron	Date Range:	07/20/09 — 07/24/09
Course Title:	Sample Reports	Description:	Total Students:	10
Day/Time:		Term/Year: Aug 2001	Total Sessions:	5

Code	Description	Code	Description
	Present (Blank Code)	W	Withdrew From Course
A	Absent	TK	Talking In Class
AE	Absent (Excused)	MH	Missing Homework
T	Tardy	FT	Field Trip
TE	Tardy (Excused)	SP	Special Project
X	Early Exit	LB	Study In Library
XE	Early Exit (Excused)	LE	Laboratory Experiment
E	First Day Of Attendance	JA	Journal Assignment

			Jul 20 M	21 T	22 W	23 T	24 F						
No.	Student ID	Name											
1	887766779	ADAMS, BOB	T		TK								
2	555117666	BROOKE, LAURIE											
3	343607340	DATSON, MIKE		AE									
4	765445400	DOUGLAS, TIM											
5	366554444	HALL, GLENN			TK								
6	499499499	KING, JEFF											
7	321583200	KOBB, SHARON K.					MH						
8	987654321	MICHAELS, BRETT S.				XE							
9	062419680	MURRAY, BILL											
10	615813865	SMITH, MIKE L.											

Attendance Summary Report

The Attendance Summary Report contains the total for each attendance code assigned to a student enrolled in the course. The total column shows a value based on the Total Criteria Selection. You can preview/print this report with or without student names, identification numbers, and code descriptions. The Attendance Summary Report can be printed in portrait or landscape format.

Scantron Academy
Attendance Summary — Absence Unexcused

Course #:	F-14501	Instructor:	Mr. Scantron	Date Range: 07/10/09 — 07/10/10
Course Title:	Sample Reports	Description:		Total Students: 10
Day/Time:		Term/Year:	Aug 2001	Total Sessions: 261

Code	Description	Code	Description
	Present (Blank Code)	W	Withdrew From Course
A	Absent	TK	Talking In Class
AE	Absent (Excused)	MH	Missing Homework
T	Tardy	FT	Field Trip
TE	Tardy (Excused)	SP	Special Project
X	Early Exit	LB	Study In Library
XE	Early Exit (Excused)	LE	Laboratory Experiment
E	First Day Of Attendance	JA	Journal Assignment

No.	Student ID	Name		A	AE	T	TE	X	XE	E	W	TK
1	887766779	ADAMS, BOB	258	1	0	1	0	0	0	0	0	1
2	555117666	BROOKE, LAURIE	260	0	0	1	0	0	0	0	0	0
3	343607340	DATSON, MIKE	260	0	1	0	0	0	0	0	0	0
4	765445400	DOUGLAS, TIM	261	0	0	0	0	0	0	0	0	0
5	366554444	HALL, GLENN	260	0	0	0	0	0	0	0	0	1
6	499499499	KING, JEFF	261	0	0	0	0	0	0	0	0	0
7	321583200	KOBB, SHARON K.	260	0	0	0	0	0	0	0	0	0
8	987654321	MICHAELS, BRETT S.	260	0	0	0	0	0	1	0	0	0
9	062419680	MURRAY, BILL	261	0	0	0	0	0	0	0	0	0
10	615813865	SMITH, MIKE L.	261	0	0	0	0	0	0	0	0	0

Attendance Individual Report

The Attendance Individual Report contains detailed attendance behavior for the entire class, for part of the class, or for a specific student. You can preview/print this report with or without student names, identification numbers, and code descriptions. The report shows a total for each code and the dates it occurred.

Scantron Academy
Attendance Individual Report

Course #:	F-14501	Instructor: Mr. Scantron	Date Range: 07/10/09 — 07/10/10
Course Title:	Sample Reports	Description:	Total Sessions: 261
Day/Time:		Term/Year: Aug 2001	

Code	Description	Code	Description
	Present (Blank Code)	W	Withdrew From Course
A	Absent	TK	Talking In Class
AE	Absent (Excused)	MH	Missing Homework
T	Tardy	FT	Field Trip
TE	Tardy (Excused)	SP	Special Project
X	Early Exit	LB	Study In Library
XE	Early Exit (Excused)	LE	Laboratory Experiment
E	First Day Of Attendance	JA	Journal Assignment

Student ID: 887766779
Name: ADAMS, BOB

Code	Total	Date
A	1	07/10/09
AE	0	
T	1	07/20/09
TE	0	
X	0	
XE	0	
E	0	
W	0	
TK	1	07/22/09
MH	0	
FT	0	
SP	0	
LB	0	
LE	0	
JA	0	

Attendance Status Letter

The Attendance Status Letter Report contains a student's attendance up to the current date, and individualized comments or text for the student or the student's parents. The message contained in the status letter is one you customize for each occasion. Status letters can be saved, reused, and modified at any time. For example, a Five Day Notice Status Letter informs parents that the student was absent five or more class sessions and lists dates of absences.

Memo

To: Mr. and Mrs. Black

From: Mr. Norgard

Date: 11-04-10

Re: Attendance Status Letter

Dear Parent,

Please be advised that Bill was absent without excuses on the following 3 days: Monday, Wednesday and Friday the week of November 5th, 2010.

This is unacceptable according to the school policy. Please call and make an appointment with me to discuss the problem.

You can reach me at (555) 555-5555.

Sincerely,

Mr. Norgard

Class Response Report

Use this report to spot patterns in test responses by individual students or by the entire classroom. To review one or more individual student's responses in detail, run the Student Test Report.

Class Response Report On Exam2 Version A

Course #:	SR300 Fall	Instructor:	Mr. Ryan
Course Title:	Social Science	Description	
Day/Time:		Term/Year:	

Student group from: All Students

Response Description

<dash> correct	<#> multiple marks	<space> no response
<alphabet> student's incorrect response	<*> bonus test item	

Test Items:	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50

No.	Student ID	Exam	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50
1	5164	4	-,-,-,-,-	-,-,-,-,-	-,-,-,-,-	-,-,-,-,C	-,-,-,-,-	-,-,-,-,-	-,-,A,-,-	-,-,-,-,C	-,-,-,-,B	C,-,-,-,-
2	6013	5	-,-,-,-,-	B,-,-,C,-,-	-,-,B,-,-	-,-,-,-,B	-,-,-,-,-	B,-,-,-,-	D,-,-,-,-	C,-,-,-,-	-,-,-,-,-	-,-,-,-,-
3	6040	4	D,A,-,-,-	-,-,B,C,-,-	-,-,A,-,-	-,-,-,-,B	-,-,B,-,-	-,-,-,-,-	D,-,-,-,-	-,-,A,-,-	C,-,A,D,-	-,D,-,-,-
4	6117	4	-,-,-,A,-	-,-,-,-,-	-,-,B,-,A	C,B,-,-,-	-,C,B,-,-	-,-,-,-,-	-,-,-,-,-	-,-,-,B,-	-,-,-,-,B	-,-,-,-,B
5	6178		D,-,-,A,-	-,-,-,-,-	-,-,-,-,-	-,B,-,-,-	-,-,-,-,A	-,-,-,-,-	-,-,-,-,-	C,-,-,-,-	-,-,A,-,-	-,-,-,-,-
6	6209	4	D,-,A,-,-	-,-,-,-,-	-,-,A,-,-	-,A,D,-,-	-,-,-,-,C	D,B,-,-,-	-,-,-,-,-	-,-,-,A,-	-,-,-,D,-	-,-,-,-,-
7	6219	5	-,-,-,-,-	-,B,-,-,-	-,-,-,-,A	-,-,A,-,-	-,-,-,-,-	-,-,-,-,-	-,-,-,-,-	-,-,-,-,-	C,-,-,-,-	-,-,-,-,-
8	6242	4	-,-,-,A,-	-,B,-,-,-	-,A,-,-,-	-,-,-,-,-	-,-,-,-,D	-,-,-,-,-	-,-,-,-,-	C,-,-,A,-	-,-,-,-,-	-,C,-,-,-
9	6266	5	-,-,-,-,-	-,B,-,-,-	-,-,-,-,-	-,-,-,-,-	-,-,-,-,-	-,-,D,-,-	-,-,-,-,-	-,A,-,-,-	-,-,-,-,-	-,-,-,-,-
10	6289	5	D,-,-,-,-	-,B,-,-,-	-,-,-,-,-	-,-,-,B,B	-,-,-,-,-	-,-,-,B,-	-,B,-,-,-	-,-,-,-,-	-,-,-,-,-	-,-,-,-,-
11	6293	5	-,-,-,-,-	-,-,-,-,-	-,-,B,-,-	D,A,-,-,B	-,-,-,-,D	-,-,D,-,-	C,-,D,-,A	-,-,C,A,-	-,-,A,-,-	-,-,-,-,-
12	6363	4	-,-,-,-,-	-,-,-,-,-	-,-,-,-,-	-,-,-,-,-	-,-,-,-,-	-,-,-,-,-	-,-,-,-,C	-,-,-,-,C	-,-,-,-,B	-,-,C,-,-

Course List Report

A Course List Report prints a list of the courses.

Course List Description

Course ID	Title	Instructor	Time	Day	Term
100	French	Instructor	10:00	M,W,F	1
101	Course	User	9:00	M,W,F	1
200	Spanish II	Ms. Johnston	10:00	mtwtf	1,2
AP 100 Spr	Social Science	Mr. Ryan			
SR300 Fall	Social Science	Mr. Ryan			

Error Log Report

You can generate an Error Log Report for each batch of score sheets processed. It is a printout of the error log messages. It reports the number of forms rejected and the number of multiple or omitted marks for each student answer when those options are selected.

ErrorLogReport
Error Log Report

Course #:	Course2	Instructor:	Course2
Course Title:	Course2	Description:	Course2
Day/Time:		Term/Year:	

<<<Batch Start>>>
Quiz 1   24Jun2014 15:43:28
0 rejected forms
<<<Batch End>>>

<<<Batch Start>>>
Quiz 1   24Jun2014 15:44:52
ID# 123456?88 - Rejected
Invalid ID.
1 rejected forms
<<<Batch End>>>

<<<Batch Start>>>
Quiz 1   24Jun2014 15:45:20
ID# 285634589
Multiple Mark Item(s) 1, 5
0 rejected forms
<<<Batch End>>>

<<<Batch Start>>>
Quiz 1   24Jun2014 15:45:51
ID# 123456789 - Rejected
ID number already processed.
Student ID: 123456789
Last Name: NNE
First Name: NNEVEN
Initial: A
1 rejected forms
<<<Batch End>>>

<<<Batch Start>>>
Quiz 1   24Jun2014 15:46:18
ID# - Rejected
Invalid ID.
ID# 345678913 - Rejected
No answer key for version B
Invalid ID.
ID# 000123456 - Rejected
ID number on side 1 and side 2 are different.
Student ID: 000123456
Last Name: LAST
First Name:
Initial:

3 rejected forms
<<<Batch End>>>

Grading Criteria Report

Print data from the ParScore Criteria tab to view statistics about student performance against the criteria you defined. You have two options: print the report exactly as the data appears on screen, or if you have Microsoft Excel, print the data in graph format.
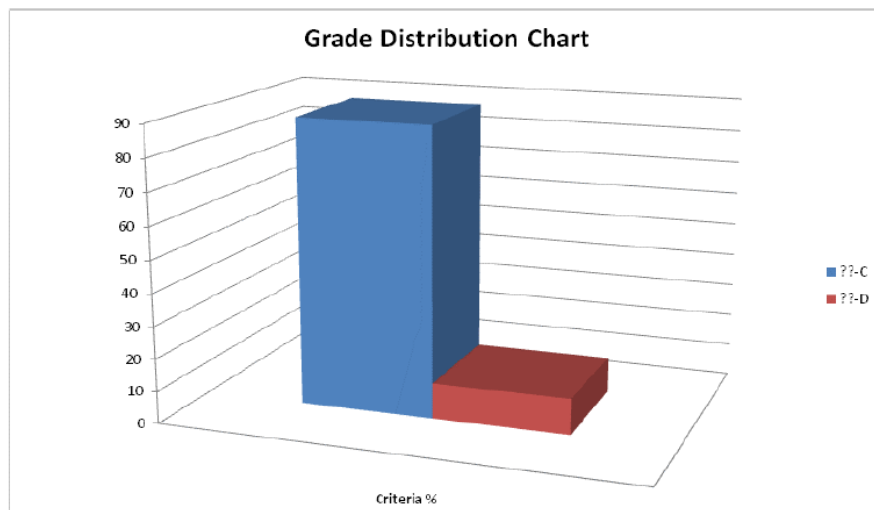
Grading Criteria Report

Course #:	AP 100 Spr		Instructor:	Mr. Ryan	
Course Title:	Social Science		Description		
Day/Time:			Term/Year:		

Code	Description	Minimum %	Grade	No. of students	Criteria %
W	Withdrawal	0.00	W	0	0.00
I	Incomplete	0.00	I	0	0.00
CR	Credit	70.00	CR	0	0.00
CR	No Credit	0.00	NC	0	0.00
??	Excellent	90.00	A	0	0.00
??	Good	80.00	B	0	0.00
??	Average	70.00	C	0	0.00
??	Poor	60.00	D	0	0.00
??	Failure	0.00	F	0	0.00

Scantron Academy
Grading Criteria Report

Course #:	F- 14501		Instructor:	Mr. Scantron
Course Title:	Sample Reports		Description	
Day/Time:			Term/Year:	Aug 2011

Grade Distribution Chart

Item Analysis Reports

The Item Analysis Report provides detailed distractor analysis based on raw scores for a single test version. It statistically calculates the reliability, difficulty, or effectiveness or a test question. The reported score information is based on question items only; ParScore ignores any subjective scores when calculating the report.

To review statistics and reliability for an entire test (all versions), run the Consolidated Item Analysis Report.

Standard Item Analysis Report

Standard Item Analysis Report On Exam1 Version A

Course #:	127			Instructor:	Mr. Lichtenstein	
Course Title:	Roadshow			Description		
Day/Time:				Term/Year:	summer	

Total Possible Points:	83.75	Median Score:	54.00	Highest Score:	60.00
Standard Deviation:	2.95	Mean Score:	53.94	Lowest Score:	48.00
Student in this group:	18	Reliability Coefficient (KR20):	0.69		
Student Records Based On:	All Students				

| No. | Correct Group Responses | | | Point Biserial | Correct Answer | Response Frequencies - * indicates correct answer | | | | | | | | | Non Distractor |
	Total	Upper 27%	Lower 27%			A	B	C	D	E					
1	38.89%	40.00%	20.00%	0.17	C	5	4	*7	2	0					E
2	5.56%	20.00%	0.00%	0.50	C	12	3	*1	2	0					E
3	61.11%	100.00%	20.00%	0.53	D	5	1	1	*11	0					E
4	55.56%	100.00%	0.00%	0.70	C	5	2	*10	1	0					E
5	83.33%	100.00%	60.00%	0.60	A	*15	2	0	1	0					CE
6	77.78%	100.00%	60.00%	0.53	A	*14	3	0	1	0					CE
7	66.67%	100.00%	0.00%	0.75	D	4	1	1	*12	0					E
8	66.67%	100.00%	40.00%	0.27	D	4	0	2	*12	0					BE
9	88.89%	100.00%	100.00%	-0.07	A	*16	0	0	1	1					BC
10	88.89%	80.00%	100.00%	-0.19	A	*16	0	0	2	0					BCE
11	100.00%	100.00%	100.00%	0.00	A	*18	0	0	0	0					BCDE
12	100.00%	100.00%	100.00%	0.00	B	0	*18	0	0	0					ACDE
13	94.44%	100.00%	100.00%	-0.17	B	1	*17	0	0	0					CDE
14	100.00%	100.00%	100.00%	0.00	B	0	*18	0	0	0					ACDE
15	100.00%	100.00%	100.00%	0.00	B	0	*18	0	0	0					ACDE
16	100.00%	100.00%	100.00%	0.00	B	0	*18	0	0	0					ACDE
17	100.00%	100.00%	100.00%	0.00	B	0	*18	0	0	0					ACDE

Detailed Item Analysis Report

Detailed Item Analysis Report On Exam1 Version A

Course #:	127	Instructor:	Mr. Lichtenstein
Course Title:	Roadshow	Description	
Day/Time:		Term/Year:	summer

Total Possible Points:	83.75	Median Score:	54.00	Mean Score:	53.94
Standard Deviation:	2.95	Mode Score:	52.00, 57.00	Variance:	8.72
Measure of Skewness:	-0.11	Highest Score:	60.00	Lowest Score:	48.00
Student in this group:	18	Degree of Kurtosis:	-0.38	Reliability Coefficient (KR20):	0.69
Student Records Based On:	All Students				

Item 1   Answer: C   Correct Responses: Total Group: 38.89%
Point Biserial: 0.17

Upper 27% of Group: 40.00%
Lower 27% of Group: 20.00%

Distractor Analysis - *indicates correct answer:

	A	B	*C	D	E
Pt-Biser:	-0.20	0.28	0.17	-0.35	0.00
Frequency %:	27.78	22.22	38.89	11.11	0.00

Item 2   Answer: C   Correct Responses: Total Group: 5.56%
Point Biserial: 0.50

Upper 27% of Group: 20.00%
Lower 27% of Group: 0.00%

Distractor Analysis - *indicates correct answer:

	A	B	*C	D	E
Pt-Biser:	-0.17	0.21	0.50	-0.35	0.00
Frequency %:	66.67	16.67	5.56	11.11	0.00

Item 3   Answer: D   Correct Responses: Total Group: 61.11%
Point Biserial: 0.53   Upper 27% of Group: 100.00%

Consolidated Item Analysis Report

The Consolidated Item Analysis Report provides detailed distractor analysis based on raw scores for all test versions, combined into a single report. It statistically calculates the reliability of a question, the difficulty, or effectiveness. If you have ParTest installed, this report can link the item analysis with tests created in ParTest. If you want to review statistics and reliability for a specific test version, use the Item Analysis Report.

Standard Item Analysis Report On Quiz2 Version Consolidated

Course #:	AP 100 Spr		Instructor:	Mr. Ryan
Course Title:	Social Science		Description	
Day/Time:			Term/Year:	

Total Possible Points:	12.00	Median Score:	10.00	Highest Score:	12.00
Standard Deviation:	1.36	Mean Score:	10.40	Lowest Score:	9.00
Student in this group:	5	Reliability Coefficient (KR20): 0.75			
Student Records Based On:	All Students				

| No. | Correct Group Responses | | | Point Biserial | Correct Answer | Response Frequencies - * indicates correct answer | | | | | | | | | Non Distractor |
	Total	Upper 27%	Lower 27%			A	B	C	D	E					
1	100.00%	100.00%	100.00%	0.00	D	0	0	0	*5	0					ABCE
2	40.00%	100.00%	0.00%	0.96	B	0	*2	3	0	0					ADE
3	40.00%	100.00%	0.00%	0.96	B	0	*2	3	0	0					ADE
4	60.00%	100.00%	0.00%	0.84	B	2	*3	0	0	0					CDE
5	100.00%	100.00%	100.00%	0.00	B	0	*5	0	0	0					ACDE
6	100.00%	100.00%	100.00%	0.00	B	0	*5	0	0	0					ACDE
7	100.00%	100.00%	100.00%	0.00	A	*5	0	0	0	0					BCDE
8	100.00%	100.00%	100.00%	0.00	B	0	*5	0	0	0					ACDE
9	100.00%	100.00%	100.00%	0.00	C	0	0	*5	0	0					ABDE
10	100.00%	100.00%	100.00%	0.00	B	0	*5	0	0	0					ACDE
11	100.00%	100.00%	100.00%	0.00	A	*5	0	0	0	0					BCDE
12	100.00%	100.00%	100.00%	0.00	A	*5	0	0	0	0					BCDE

Item Analysis Report Statistics

The statistics that you can analyze with the Item Analysis and Consolidated Item Analysis Reports are:

Statistic	Description
Degree of Kurtosis	The degree of peaked-ness or flatness exhibited by the distribution. A positive kurtosis means that the shape of the score distribution is peaked. A negative kurtosis means that the shape of the score distribution is flat. A value near zero for kurtosis indicates a normal score distribution. The formula is: $$\frac{\Sigma z^4}{N} - 3$$
Highest Score	The highest test score received on the test.
Lowest Score	The lowest test score received on the test.
Mean Score	The total of scores divided by the number of scores; the average score. The formula is: $$\frac{\Sigma x}{N}$$
Measure of Skewness	The degree of asymmetry of the distribution around its mean. Positive skewness means that the scores trail off in the direction of higher scores. Negative skewness means that the scores trail off in the direction of lower scores. The formula for computing skewness is: $$\frac{\Sigma z^3}{N} \text{ where } Z = \frac{X - x_m}{\sigma}$$ Where: X = Test score x_m = **Mean** scale score ó = Standard deviation
Median Score	The value that lies in the middle of the distribution when the information is arranged in numerical order; the value that divides the distribution in half. When there is more than one median score (tied scores), ParScore computes the result using the formula: $$Median = lower\ limit + \frac{\frac{TotalCases}{2} - CasesBelow}{N}$$ Where: Lower limit = Tied score - .5 Total cases = Number of cases in the data set Cases below = Number of cases below the scores N = Number of tied scores in the middle of the distribution

Statistic	Description
Mode Score	The most frequently occurring score; that score obtained from the largest number of subjects. If two adjacent scores occur with equal (and greatest) frequency, the mode will be the average of the two scores. If the scores are not adjacent, both scores are reported. If there are more than two mode scores, it is reported as multimodal.
Reliability Coefficient (KR20)	When calculating the standard deviation for Kuder-Richardson 20 (KR20) the possible points for each question is set to 1 point only. Otherwise, the KR20value will be biased for each question that is weighed differently. The reported standard deviation on the Item Analysis Report reflects the student score only and should not be used for the KR20 calculation. The concept of reliability relates to the consistency of an instructor's test items from one testing date to the next. The same students taking the same test on two different dates would, on a highly reliable test, have similar test scores. $$KR_{20} = \frac{N_i}{N_i - 1} \times \frac{S^2 - (\Sigma PQ)}{S^2}$$ Where: Ni = Number of items N = Number of students taking the test S2 = Variance P = Number of people responding correctly to a test item / N Q = 1.0 - P NOTE: When calculating the standard deviation for KR20, the possible points for each question is set to 1 point *only*. Otherwise, the KR20 value is biased for each question that is weighed differently. The reported standard deviation on the Item Analysis Report reflects the student score and should not be used for the KR20 calculation.
Standard Deviation	A measure of variability; computed by determining the square root of the variance. The formula for computing standard deviation is: $$\sigma = \sqrt{\frac{\Sigma x^2 - \frac{(\Sigma x)^2}{N}}{N}}$$
Students in this Group	The number of students taking the test; not the number enrolled in the class.
Total possible points	The total number of points that can be earned on the test
Variance	A measure of variability; computed by determining the square root of the standard deviation. The formula for variance is: $$\sigma^2$$

Item Analysis Report Question Types

The reports include the following detail for each question:

- **Correct responses**: The total number and the upper 27%, and lower 27% of the total number.
- **Correct Answer**
- **Point Biserial for the correct answer**: Point Biserial measures how well a question discriminates between those who have mastered the material and those who have not. Discrimination threshold levels help you determine if the question's discrimination is low, medium or high based on the criteria you establish and the student test scores.
- **Response frequency per the choices**
- **Non-Distractor choice**
- **Distractor analysis – point biserial and frequency**: After a test is administered, you can evaluate the effectiveness of the distractors. By studying student responses to each item, you can determine whether distractors are doing the job for which they were designed. Distractor analysis is a tool to improve the quality of tests and test items. Use the Item Analysis Report as a tool to assess the effectiveness, reliability, and validity of a particular test item or test.

  Distractor analysis provides three kinds of information about the quality of test items:

  - o **Item Difficulty**: Item/Question difficulty (or "P value") is the percentage of the total group of students who answered the question correctly. Difficulty levels help you to determine if the question is easy, medium, or difficult, based on the criteria you establish and the student test scores. Rating items/questions in this way helps you create balanced tests.

    ParScore calculates item difficulty for true/false, multiple choice, and matching questions. For true-false questions, we recommend a 75% difficulty level; that is, an average of 75% of students who see the question should answer it correctly. For a four response multiple choice test, we recommend about 63%. For multiple-choice questions with a different number of responses, use the following formula to developing the optimum level of questions:

    Optimal P Value = 0.5 + 0.5(1 / a)
    Where a = The number of alternatives.

  - o **Item Discrimination**: Discrimination (aka Point Biserial Correlation Coefficient, or PBCC) measures how well a question discriminates between those who have mastered the material and those who have not. Discrimination levels help to determine if the question's discrimination is low, medium, or high based on the criteria established and the student test scores. Rating items in this way helps you create reliable tests that truly measure whether students have mastered the material.

    The discrimination value calculated by ParScore for each question is the point biserial correlation coefficient (PBCC), which measures the correlation between the correct answer on a question and the total test score of a student. The PBCC identifies questions that correctly discriminate between high and low groups, as defined by the test as a whole. ParScore reports the point biserial for each item. Generally, the higher the PBCC the better the question discrimination, and thus, the better the question.

The point biserial generated is calculated as follows:

$$PBCC = \frac{(Mp - Mq)\sqrt{Np \times Nq}}{N \times \sigma}$$

Where:

Mp = Mean total score of the group of students that got the item correct.

Mq = Mean total score of the group of students that got the item incorrect.

N = Total number of students.

Np = Total number of students who got the item correct.

Nq = Total number of students who got the item incorrect.

σ = Standard deviation of scores on the whole test.

If the PBCC value is less than the minimum medium value, then the discrimination level is low (i.e., the question does not discriminate well between those who have mastered the content and those who have not). If the PBCC value is greater than or equal to the minimum high value, then the discrimination level is high. For example, when you enter a minimum value of .30 for the high level for a True/False question, a PBCC value of .30 and above is considered high, and the question is very good.

- **Review Items:** (Detailed report only) Indicates items that you may want to review in more detail. This message appears only when a distractor's point biserial is greater than that of the correct answer.

Mastery Reports

Print details about student performance based on the customized optional fields. You can generate up to 24 combinations based on the eight optional fields. You must choose at least one optional field (e.g., demographics or academic program) to group by.

ParScore calculates the following based on the optional fields you select:

- Number of students who
    - passed the test
    - failed the test
    - skipped the test
- Subtotal
- Total
- Highest score
- Lowest score
- Mean score

Mastery Report

Course #: AP 100 Spr	Instructor: Mr. Ryan
Course Title: Social Science	Description
Day/Time:	Term/Year:
Score Unit: Raw	Minimum % To Pass: 50
Sort By: Optional1	

Exam1

Total Possible Raw Points: 70.00

	Number of Students				Highest Score	Lowest Score	Mean Score
	Passed	Failed	Skipped	Total			
	28	0	0	28	64.00	46.00	58.43
Total	28	0	0	28	64.00	46.00	58.43

Progress Reports

Progress Reports document a student's progress on class assignments. You can share this report with parents or students to discuss student performance in class. You can print progress reports for a single student, selected students, or all students.

Progress Reports differ from individual Student Test Reports in that Progress Reports provide a detailed overview of a student's performance on up to 99 different class assignments, while Student Test Reports show a student's performance on the current test.

Progress Report

Course #:	AP 100 Spr	Instructor:	Mr. Ryan	Date:	06/18/14
Course Title: Social Science		Description:		Total No. of Tests:	3
Day/Time:		Term/Year:		Code:	

ID: 5151
Name: ANDERSON, ASHLEY A

No.	Date	Test Name	Description		Possible Points	Score
1	/ /	Exam 1	T2143609_250_2_R_FALL_13_#1.MD		70.00	57.00
2	/ /	Exam 2	T2143609_250_2_R_FALL_13_#2.MD		70.00	61.00
3	/ /	Exam 3	T2143609_250_2_R_FALL_13_DAY_#		69.00	54.00
Comments				Total	209.00	172.00
				Score %		82.30
				Overall Total	209.00	172.00
				Overall Score %		82.30
				Overall Grade		B

Student
Signature _____

Parent
Signature _____

Roster Reports

Print a report based on information found on the Roster tab. You can customize Roster reports to include, exclude, and sort information.

Roster Report On All Test Categories

Course #:	AP 100 Spr		Instructor:	Mr. Ryan
Course Title:	Social Science		Description	
Day/Time:			Term/Year:	

Records Based On: All Students

Score Type: Raw

				Exam1	Exam2	Exam3	Total	Grade
		Possible Points:		70	70	69	209	
		Average:		N/A	N/A	N/A	N/A	

No.	Student ID	Name	Code	Exam1	Exam2	Exam3	Total	Grade
1	9876	JENNINGS, MARGARITE S.		62	51	55	168	B
2	7676	HUNTER, KYLEE		62	59	46	167	C
3	7675	BROWN, COLLEEN J.		59	60	44	163	C
4	7674	PRELL, ARDEN		60	62	60	182	B
5	7673	KING, MARGARET		63	63	62	188	B
6	7672	PIPPIN, JOHN		63	63	56	182	B
7	7671	ROBERTS, RACHEL N.		52	59	50	161	C
8	7670	ZOHAR, AMIT E.		55	59	54	168	B
9	6809	SMITH, KARINA A.		62	55	54	171	B
10	6800	BELOKRYLOVA, ARDEN E.		62	62	47	171	B
11	6066	SCHWARTZ, SAMANTHA		62	56	52	170	B
12	6065	KUSHINO, KAITO		61	60	43	164	C
13	6063	MILLER, RYAN		58	58	52	168	B
14	6061	MIDDLETON, NATHAN		59	57	49	165	C
15	6060	PERI, SHAKIRA		57	55	47	159	C
16	6052	SARKISOVA, MELANIE S.		63	59	57	179	B
17	5748	EMERSON, JESSICA J.		55	60	51	166	C
18	5158	BECKER, VIVIAN A.		64	65	54	183	B
19	5157	LAM, JILLIAN		59	65	49	173	B
20	5156	CORRELL, MERCEDES		58	56	55	169	B
21	5155	JACKSON, JENNIFER M.		56	56	50	162	C
22	5154	BRILL, MICHAEL E.		63	61	48	172	B
23	5153	BYRON, BEN		53	56	52	161	C
24	5152	BAKER, LAURIE		46	60	48	154	C
25	5151	ANDERSON, ASHLEY A.		57	61	54	172	B
26	3456	SARMIENTO, CARRIE G.		58	56	50	164	C
27	2222	DORAN, HALEY M.		56	51	55	162	C
28	1230	KROIS, WHITNEY M.		51	62	54	167	C

Score Distribution

The Score Distribution Report provides an analysis of how student scores are distributed for the current test, which in turn can help you determine percentage cutoffs for grade criteria. This report shows the relationship between percentages and points, either in a table or in a chart.

Score Distribution Percentile Report On Total

Course #:	AP 100 Spr		Instructor:	Mr. Ryan
Course Title:	Social Science		Description	
Day/Time:			Term/Year:	

Student group from:	All Students				
No. of students in this group:	28	Mean Score:	168.96	Highest Score:	188.00
Total Possible Points:	209.00	Median Score:	167.83	Lowest Score:	154.00
Standard Deviation:	7.82				

Raw Score	Percent Correct	Number of Students	Percent of Class	Cummulative Percent	Percentile
188.00	89.95	1	3.57	3.57	98.21
183.00	87.56	1	3.57	7.14	94.64
182.00	87.08	2	7.14	14.28	89.29
179.00	85.65	1	3.57	17.85	83.93
173.00	82.78	1	3.57	21.42	80.36
172.00	82.30	2	7.14	28.56	75.00
171.00	81.82	2	7.14	35.70	67.86
170.00	81.34	1	3.57	39.27	62.50
169.00	80.86	1	3.57	42.84	58.93
168.00	80.38	3	10.71	53.55	51.79
167.00	79.90	2	7.14	60.69	42.86
166.00	79.43	1	3.57	64.26	37.50
165.00	78.95	1	3.57	67.83	33.93
164.00	78.47	2	7.14	74.97	28.57
163.00	77.99	1	3.57	78.54	23.21
162.00	77.51	2	7.14	85.68	17.86
161.00	77.03	2	7.14	92.82	10.71
159.00	76.08	1	3.57	96.39	5.36
154.00	73.68	1	3.57	100.00	1.79

Student Enrollment

Prints the complete student record for every student enrolled in the course via the Student tab.

Score Distribution Percentile Report On Total

Course #:	AP 100 Spr		Instructor:	Mr. Ryan
Course Title:	Social Science		Description	
Day/Time:			Term/Year:	

Student group from:	All Students				
No. of students in this group:	28	Mean Score:	168.96	Highest Score:	188.00
Total Possible Points:	209.00	Median Score:	167.83	Lowest Score:	154.00
Standard Deviation:	7.82				

Raw Score	Percent Correct	Number of Students	Percent of Class	Cummulative Percent	Percentile
188.00	89.95	1	3.57	3.57	98.21
183.00	87.56	1	3.57	7.14	94.64
182.00	87.08	2	7.14	14.28	89.29
179.00	85.65	1	3.57	17.85	83.93
173.00	82.78	1	3.57	21.42	80.36
172.00	82.30	2	7.14	28.56	75.00
171.00	81.82	2	7.14	35.70	67.86
170.00	81.34	1	3.57	39.27	62.50
169.00	80.86	1	3.57	42.84	58.93
168.00	80.38	3	10.71	53.55	51.79
167.00	79.90	2	7.14	60.69	42.86
166.00	79.43	1	3.57	64.26	37.50
165.00	78.95	1	3.57	67.83	33.93
164.00	78.47	2	7.14	74.97	28.57
163.00	77.99	1	3.57	78.54	23.21
162.00	77.51	2	7.14	85.68	17.86
161.00	77.03	2	7.14	92.82	10.71
159.00	76.08	1	3.57	96.39	5.36
154.00	73.68	1	3.57	100.00	1.79

Student Profile Report

The Student Profile Report prints the customized columns from the Roster, in categories you select, with or without student names. If you choose to print student names and selective scores, the report appears in landscape mode. If you choose to print the score columns only, the report appears in portrait mode.

Student Profile Report With All Test Categories

Course #:	AP 100 Spr		Instructor:	Mr. Ryan
Course Title:	Social Science		Description	
Day/Time:			Term/Year:	

Score Type: Raw

No.	Student ID	Name	Optional1	Exam1 70.00	Exam2 70.00	Exam3 69.00	Total 209.00	Grade			
1	9876	JENNINGS, MARGARITE S.		62.00	51.00	55.00	168.00	B			
2	7676	HUNTER, KYLEE		62.00	59.00	46.00	167.00	C			
3	7675	BROWN, COLLEEN J.		59.00	60.00	44.00	163.00	C			
4	7674	PRELL, ARDEN		60.00	62.00	60.00	182.00	B			
5	7673	KING, MARGARET		63.00	63.00	62.00	188.00	B			
6	7672	PIPPIN, JOHN		63.00	63.00	56.00	182.00	B			
7	7671	ROBERTS, RACHEL N.		52.00	59.00	50.00	161.00	C			
8	7670	ZOHAR, AMIT E.		55.00	59.00	54.00	168.00	B			
9	6809	SMITH, KARINA A.		62.00	55.00	54.00	171.00	B			
10	6800	BELOKRYLOVA, ARDEN E.		62.00	62.00	47.00	171.00	B			
11	6066	SCHWARTZ, SAMANTHA		62.00	56.00	52.00	170.00	B			
12	6065	KUSHINO, KAITO		61.00	60.00	43.00	164.00	C			
13	6063	MILLER, RYAN		58.00	58.00	52.00	168.00	B			
14	6061	MIDDLETON, NATHAN		59.00	57.00	49.00	165.00	C			
15	6060	PERI, SHAKIRA		57.00	55.00	47.00	159.00	C			
16	6052	SARKISOVA, MELANIE S.		63.00	59.00	57.00	179.00	B			
17	5748	EMERSON, JESSICA J.		55.00	60.00	51.00	166.00	C			
18	5158	BECKER, VIVIAN A.		64.00	65.00	54.00	183.00	B			
19	5157	LAM, JILLIAN		59.00	65.00	49.00	173.00	B			
20	5156	CORRELL, MERCEDES		58.00	56.00	55.00	169.00	B			
21	5155	JACKSON, JENNIFER M.		56.00	56.00	50.00	162.00	C			
22	5154	BRILL, MICHAEL E.		63.00	61.00	48.00	172.00	B			
23	5153	BYRON, BEN		53.00	56.00	52.00	161.00	C			
24	5152	BAKER, LAURIE		46.00	60.00	48.00	154.00	C			
25	5151	ANDERSON, ASHLEY A.		57.00	61.00	54.00	172.00	B			
26	3456	SARMIENTO, CARRIE G.		58.00	56.00	50.00	164.00	C			
27	2222	DORAN, HALEY M.		56.00	51.00	55.00	162.00	C			
28	1230	KROIS, WHITNEY M.		51.00	62.00	54.00	167.00	C			

Student Test Reports

A Student Test Report shows student performance on a specific test. It provides details about a student's answers to individual test items. Use this report to review each individual's performance

---

Student Test Report On Exam3 A

Course #:	SR300 Fall		Instructor:	Mr. Ryan
Course Title:	Social Science		Description:	
Day/Time:			Term/Year:	

Student Name: ▆▆▆▆▆, ▆▆▆▆ ▆

Student ID: ▆▆▆▆   **Code:**

	Possible Pts.	Raw	Objective	Exam#/Essay	Percent
Exam3	69.00	48.00	52		69.57%

Response Description:	<dash> correct	<#> multiple marks	<space> no response
	<alphabet> student's incorrect response	<*> bonus test item	

Test Items:	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50
Answers	-,-,-,-,-	-,-,-,-,A	A,-,C,-,B	C,-,-,#,-	-,-,C,-,A	C,-,-,-,#	-,-,C,-,#	-,-,-,-,-	-,-,-,-,A	-,#,-,-,D

Test Items:	51-55	56-60	61-65	66-70						
Answers	-,-,-,-,-	-,-,-,-,A	A,-,-,#,-	-,-,-,-,-						

Remarks:

List of Student's Multiple/Omitted Responses and Items with Multiple Answers:

Item	Student's Answer
19	BDE
30	ABD
35	BCD
47	ACD
64	BC

Subtest Reports

Subtest Reports provide feedback to instructors and students about a specific element (subtest) of a test category. In ParScore, information on sub test reports is based on raw scores, not item count. There are four subtest reports: Subtest Criteria, Individual Subtest, Subtest Class Summary, and Subtest Class.

Subtest Criteria Report

Use the Subtest Criteria Report as a reference to describe criteria on which subtests are based. The report prints details about each subtest including answer items assigned to a test version.

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Scantron Academy
Subtest Criteria Report On QUIZ1

</div>

Course #: F-14501	Instructor: Mr. Scantron
Course Title: Sample Reports	Description:
Day/Time:	Term/Year: Aug 2001

Total number of selected subtests: 3
No. of subtests student must pass: 2
Assign test result status? Yes

Subtest Name: PARTI

Subtest description:
User-descriptor:
No. of items on this subtest: 7
Minimum % required to pass: 100
Required to pass overall: Yes

Items on PARTI
Form A:
1   4   8   13   14   17   25

Subtest Name: PARTI

Subtest description:
User-descriptor:

Individual Subtest Reports

Use the Individual Subtest Report for instructor analysis or student feedback. The Overall Performance section reports:
- minimum requirements
- the student's performance
- whether subtest requirements are met
- the summary
- grade

The grid reports:
- the student's results on each subtest
- whether passing the test is a requirement
- possible points
- percent requirement
- points score
- percent score
- pass/fail status

Scantron Academy
Individual Subtest Report On QUIZ1

Course #:	F-14501
Course Title:	Sample Reports
Day/Time:	

Instructor:	Mr. Scantron
Description:	
Term/Year:	Aug 2001

Student Name: ADAMS, BOB
Student ID: 887766779

Overall Performance

Minimum Requirement:	2 out of 3 subtest(s)
Student's Performance:	1 out of 3 subtest(s)
Passed All Required Subtests?	No
Status:	0

Each Subtest Performance

No.	Subtest Name	Subtest Description	Required to Pass	Possible Points	% Required To Pass	Points Score	% Score	Status
1	PartI		Yes	11.00	100.00	7.00	63.64%	Fail
2	PartI		Yes	11.00	100.00	7.00	63.64%	Fail
3	_None_	<None>	No	10.00	50.00%	7.00	70.00%	Pass

Subtest Class Report

Use the Subtest Class Report to detail student progress on subtests. The subtest information section identifies each subtest by:

- name
- the number of items
- possible points
- minimum percent required to pass
- Pass/Fail status

Points and percentages are reported for each student. The Overall column shows the number of subtests passed and the grade, which is based on user-defined criteria. You have the option to print without student names and with digits hidden in identification numbers.

Scantron Academy
Subtest Class Report On QUIZ1

Course #:	F-14501		Instructor:	Mr. Scantron
Course Title:	Sample Reports		Description:	
Day/Time:			Term/Year:	Aug 2001

Overall Subtest Criteria: Must pass 2 out of 3 subtests

Records Based on Field Contents: All Students

Total No. of Student: 10

				PartI		PartI		_None_		Overall			
Subtest Name:				PartI		PartI		_None_		Overall			
No. of Items:				7		7		6					
Possible Points:				11.00		11.00		10.00					
Minimum % to Pass:				100.00%		100.00%		50.00%					
Required to Pass:				Yes		Yes		No					
Average %:				84.55%		84.55%		83.00%					
Highest %:				100.00%		100.00%		100.00%					
Lowest %:				27.27%		27.27%		30.00%					
No.	Student ID	Name	Code	Pts	%	Pts	%	Pts	%	Passed	Status		
1	887766779	ADAMS, BOB		7.00	63.64%	7.00	63.64%	7.00	70.00%	1	0		
2	555117666	BROOKE, LAURIE		11.00	100.00%	11.00	100.00%	7.00	70.00%	3	1		
3	343607340	DATSON, MIKE		3.00	27.27%	3.00	27.27%	3.00	30.00%	0	0		
4	765445400	DOUGLAS, TIM		10.00	90.91%	10.00	90.91%	10.00	100.00%	1	0		
5	366554444	HALL, GLENN		11.00	100.00%	11.00	100.00%	10.00	100.00%	3	1		
6	499499499	KING, JEFF		11.00	100.00%	11.00	100.00%	9.00	90.00%	3	1		
7	321583200	KOBB, SHARON K.		11.00	100.00%	11.00	100.00%	10.00	100.00%	3	1		
8	987654321	MICHAELS, BRETT S.		11.00	100.00%	11.00	100.00%	10.00	100.00%	3	1		
9	062419680	MURRAY, BILL		10.00	90.91%	10.00	90.91%	10.00	100.00%	1	0		
10	615813865	SMITH, MIKE L.		8.00	72.73%	8.00	72.73%	7.00	70.00%	1	0		

Subtest Class Summary Report

Use the Subtest Class Summary Report to summarize overall results for each subtest, as well as class performance overall. The Overall Class Performance section lists two values:
- the percent of the class that passed
- the percent of the class that passed the required subtests

The grid shows:
- descriptors
- pass requirement
- the number of students who passed
- the percent of the class who passed
- the average score

<div align="center">

Scantron Academy

Subtest Class Summary Report On QUIZ1

</div>

Course #:	F-14501	Instructor:	Mr. Scantron
Course Title:	Sample Reports	Description:	
Day/Time:		Term/Year:	Aug 2001

Overall Class Performance

Minimum Requirement:	2 out of 3 subtest(s)
% of Class Passed Overall:	50.00%
% of Class Passed the Required Subtests:	50.00%
Records Based on Field Contents:	All Students
Total No. of Students:	10

Each Subtest Performance

No.	Subtest Name	Subtest Description	Required to Pass	No. of Students Passed	Percent of Class Passed	Average Score
1	PartI		Yes	5	50.00 %	84.55 %
2	PartI		Yes	5	50.00 %	84.55 %
3	_None_	<None>	No	9	90.00 %	83.00 %

ParTest Reports

You can generate reports, tests, and item banks. You can print tests for one test version or for all test versions. In addition, tests can be printed with questions only, or with selected information. You can also print reports including statistical information about the tests and item banks.

The following tests are available to view, export or print.

Test and Selective Reports

View student test forms or test reports for a selected test.

Test and Selective Details

Instruction Name: Aging
Please these questions on aging

----

1. Question Name: Exercise   Type: MC   Objective: Aging   Item Bank: Gerontology

Which of the following is included in the initial assessment for all older adults who wish to begin an exercise program?
A.   Balance and coordination tests.
B.   Test of respiratory function.
*   C.   Health history and physical examination.
D.   Past history with exercise programs.

Correct Answer: C
   Explanation/Rationale:
   Reference/Notes:
Keywords:
   Blooms Taxonomy: B. Comprehension

Points:	1.00	Penalty:	0.00	Score Mode:	Active
Date Created:	10/27/10 18:09:35	Date Modified:	10/27/10 18:09:35	Date Used:	10/15/15 11:30:26
Difficulty:	E	Discrimination:	L		

Item Analysis: Last   Item Analysis: Cumulative

No. of Students Responded:	0	No. of Students Responded:	0
Correct Responses (%):		Correct Responses (%):	
Total Group:	0.00	Total Group:	0.00
Upper 27% of Group:	0.00	Upper 27% of Group:	0.00
Lower 27% of Group:	0.00	Lower 27% of Group:	0.00
Point Biserial:	0.00	Point Biserial:	0.00

Response Frequencies (%)

	A	B	C	D
Last:	0.00	0.00	0.00	0.00
Cumulative:	0.00	0.00	0.00	0.00

----

2. Question Name: Ageism 0001   Type: MC   Objective: Aging   Item Bank: Gerontology

Test Key

Print answer keys to manually score tests.

Test Key Report

No.	Answer	Item Bank Name	Objective Name	Question Name	Type	Difficulty Level	Discrimination Level	Keywords	
1.	B	Gerontology	Aging	Ageism 0001	MC	E	H	A. Assessment	A. Management of
2.	B	Gerontology	Aging	Bereavement 0001	MC	M	L	C. Planning	A. Management of
3.	D	Gerontology	Aging	ADL 0001	MC	E	H	A. Assessment	A. Management of
4.	A	Gerontology	Cardiovascular	Risk Factors	MC	E	L	C. Planning	C. Health Promotic
5.	C	Gerontology	Cardiovascular	Blood Pressure 0001	MC	E	L	D. Implementation	A. Management of
6.	C	Gerontology	Clinical Calculation	Calculation 0002	MC	E	L	D. Implementation	A. Management of
7.	B	Gerontology	Clinical Calculation	I&O 0001	MC	E	M	D. Implementation	A. Management of
8.	C	Gerontology	Clinical Calculation	Household Care	MC	E	L	D. Implementation	F. Pharmacology a
9.	B	Gerontology	Aging	Erickson 0001	MC	E	H	A. Assessment	A. Management of
10.	B	Gerontology	Death & Dying	Palliative care 0001	MC	E	H	C. Planning	A. Management of
11.	A	Gerontology	Gero Pharm & Herbals	Herbal 0002	MC	E	L	A. Assessment	F. Pharmacology a
12.	C	Gerontology	Gero Pharm & Herbals	Education 0002	MC	E	L	C. Planning	C. Health Promotic
13.	B	Gerontology	Gero Pharm & Herbals	Scheduling 0001	MC	E	L	D. Implementation	F. Pharmacology a
14.	B	Gerontology	Gero Pharm & Herbals	Herbass 0001	MC	E	H	D. Implementation	F. Pharmacology a
15.	D	Gerontology	Gero Pharm & Herbals	Digoxin 0001	MC	D	L	A. Assessment	F. Pharmacology a

Test Blueprint

Test Blueprint reports contain statistical information about the test.

Test Blueprint   Page   1

Category	Keyword	Total Questions	Total Questions Excluding New&Pilot	Mean Difficulty		Mean Discrimination	
				Last	Cumulative	Last	Cumulative
<Overall Test>		15	12	80.65	79.72	0.13	0.20
1. Nursing Process	A. Assessment	5	5	75.46	73.24	0.04	0.21
	C. Planning	4	3	82.67	82.67	0.16	0.16
	D. Implementation	6	4	85.62	85.62	0.21	0.21
2. Client Needs (NCLEX)	A. Management of Care	8	7	85.02	83.44	0.16	0.28
	C. Health Promotion and Ma	2	1	100.00	100.00	0.00	0.00
	F. Pharmacology and Parente	5	4	68.15	68.15	0.10	0.10
3. Blooms Taxonomy	A. Knowledge	2	2	93.33	89.29	0.17	0.32
	B. Comprehension	7	7	75.77	75.34	0.07	0.15
	C. Application	6	3	83.56	83.56	0.23	0.23

Answer Sheet

These are the answer sheets with blank lines for the students to complete.

Item Bank Details

Item Bank Details reports contain the criteria for a selected item bank.

Item Bank: Gerontology
Objective: Aging

_____

1. Question Name: ADL 0001   Type: MC   Objective: Aging   Item Bank: Gerontology
   An assessment of a patient's ADL (Activities of Daily Living) includes assessment of
   A. vital signs
   B. range of joint motion
   C. intake and output
   *   D. ability to bathe self

   Correct Answer: D
      Explanation/Rationale:
      Reference/Notes:
   Keywords:
      Nursing Process: A. Assessment   Client Needs (NCLEX): A. Management of Care
      Blooms Taxonomy: B. Comprehension

Points:	1.00	Penalty:	0.00	Score Mode:	Active
Date Created:	09/19/10 17:30:42	Date Modified:	09/19/10 17:30:42	Date Used:	05/03/16 13:54:15
Difficulty:	E		Discrimination:	H	

   Item Analysis: Last   Item Analysis: Cumulative
      No. of Students Responded: 24   No. of Students Responded: 99
      Correct Responses (%):   Correct Responses (%):
         Total Group: 100.00   Total Group: 96.97
         Upper 27% of Group: 100.00   Upper 27% of Group: 100.00
         Lower 27% of Group: 100.00   Lower 27% of Group: 100.00
      Point Biserial: 0.00   Point Biserial: 0.51
   Response Frequencies (%)

	A	B	C	D
Last:	0.00	0.00	0.00	100.00
Cumulative:	0.00	1.01	1.01	96.97

_____

2. Question Name: Ageism 0001   Type: MC   Objective: Aging   Item Bank: Gerontology
   Which of these statements by a nurse is an example of ageism?
   A. Patients over 65 years of age often classify themselves as middle age.
   *   B. All older people are confused.
   C. A patient who lives to 85 is more likely to live to 90 then a patient who is 65 years of age.
   D. The age group 85 and over is the fastest growing age group.

   Correct Answer: B
      Explanation/Rationale:

Item Bank Cross-Reference

Aligns item bank questions to keywords so you can easily compare item bank contents and topics.

ParTest Online Reports

Test Session List Report

The report contains a list of ParTest tests by test session. You can click a column header to sort the list by that column in ascending or descending order.

Test Results Report

The Test Results report shows a summation of the test results for each student. This report also includes highest and lowest scores and the test mean. Use this report to view overall student results and basic class test statistics. You can sort the list in ascending or descending order by any of the column headers.

StudentID	LastName	FirstName	RawScore	Percentage	CorrectQues	IncorrectQues	SkipQues	Date Test Taken	Time Test Taken	Version
22791	Olson	Tamara	6.00	75.00%	8	2	0	8/7/2013	1:07 PM	D
23221	Morgan	Joseph	6.00	75.00%	8	2	0	8/7/2013	1:03 PM	A
55664	Smith	John	4.00	50.00%	6	4	0	8/7/2013	12:42 PM	B
88159	Miller	Susan	7.00	87.50%	9	1	0	8/7/2013	1:38 PM	D
95448	Smith	Al	8.00	100.00%	10	0	0	8/7/2013	12:29 PM	D
98112	Silva	Jennifer	8.00	100.00%	10	0	0	8/7/2013	12:36 PM	D
034421	Jones	Marla	6.00	75.00%	8	1	1	8/6/2013	1:20 PM	D

Test Feedback Report

Students can print the Test Feedback Reports or preview it on their computer after they finish a test. The report can also be run with student IDs disguised.

Test Feedback Report

Student Name:	Susan R Miller
Student ID:	88159
Test Score:	87.50 %

Student ID:	XXX12

Test Session Name	080613
Date Test Taken:	8/7/2013

Time Test Taken: 1:38:59 PM

Total Possible Points:	8.00	Total Questions:	10	No. of Correct Responses:	9
Raw Score:	7	No. of Questions Skipped:	0	No. of Incorrect Responses:	1

1. While the nurse is taking a health history from a patient with hypertrophic cardiomyopathy, information that the nurse recognizes as significant includes:

   A. A history of chronic alcohol use.
   B. A history of recent viral infection.
   C*. A family history of cardiomyopathy.
   D. A history of multiple myocardial infarctions.

   Student Response: D
   Correct Response: C
   Explanation: History of HCM is most related to genetics or family hx - patients often young

2. Dilated Cardiomyopathy is a common heart problem for individuals who chronically abuse drugs. Which of the following drugs might cause this problem?

   A. Aspirin
   B*. Alcohol
   C. Caffeine
   D. Ephedrin

   Student Response: B
   Correct Response: B
   Explanation: Common cause of DCM

3. You are caring for a patient post heart transplant that has developed symptomatic sinus bradycardia. Which of the following interventions would you anticipate?

   A. Synchronized cardioversion.
   B*. Use of the epicardial pacemaker.
   C. Administration of Atropine 1 mg IV.
   D. Administration of Amiodarone 150 mg IV over 10 minutes.

   Student Response: B
   Correct Response: B

   Patients do not respond to drugs that act on the autonomic nervous system afer

Individual Test Results Report

The Individual Test Results report shows each individual student's record on a separate page. Use this option if you want to distribute the report to each student.

Individual Test Results Report

FirstName:	Susan				
LastName:	Miller				
Student Id:	88159				
Session Name:	080613	Test Mode:	Real	Session Description:	Test 1
Test Name:	Algebra II Quiz	Total Possible Points:	8	Test Description:	
Total No. Of Questions:	10	Test Start Date:	8/6/2013	Test End Date:	8/26/2013
Mean Score%:	7	Highest Score%:	7	Lowest Score%:	7

Date Test Taken: 8/7/2013

Time Test Taken: 1:38 PM

Test Version: E

No. of Correct Responses: 9

No. of Incorrect Responses: 1

No. of Questions Skipped: 0

Raw Score: 7

Test Score: 87.50%

Incomplete Test Results Report

The Incomplete Student Test Results report lists students who were unable to complete a test for any reason, including a system or network shutdown.

Session Name:	08062	Test Mode:	Real	Session Description:	Test 1A
Test Name:	Algebra 1 Test	Total Possible Points:	42	Test Description:	
Total No. Of Questions:	42	Test Start Date:	8/6/2013	Test End Date:	8/26/2013

StudentID	LastName	FirstName	Date Test Taken	Time Test Taken	Version
22791	Smith	John	8/8/2013	4:32 AM	A
88159	ODell	Marla	8/8/2013	6:09 AM	B

Integrated Testing Suite

ParSystem is a powerful software solution that helps universities, corporate training departments and other educational institutions create, administer, and score tests on paper, via networks, or over the Internet. Using unified item banks, easy test creation, and a variety of administration methods, ParSystem enables your organization to make better test questions to accurately measure student achievement. With ParScore, you can easily develop and manage student records and test data, including customized class rosters. You can also merge student test results from standardized tests so performance can be compared across classes or schools institution-wide. With ParTest, you can share item banks with other users and create up to 26 versions of your tests. With ParTest Online, you can import files that allow test takers to work over the Internet. ParSystem elements work together to give you a consistent, easy, and unified assessment approach.

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