

Random Test Generator-PRO

“Create student tests from randomly selected test item...”

Internet Testing

Computer Screen Testing

Paper Testing

IT TALKS!

Create TestBanks

Add an unlimited amount of test items to each of your TestBanks

The screenshot displays the 'Random Test Generator-PRO' application window. The title bar shows the file path: [C:\Develop\WB5-pro\0Working\Rtg v8 vb6\Samples\ModernPres...]. The menu bar includes File, Edit, View, Tests, Statistics, Tools, Administration, Window, and Help. The toolbar contains icons for file operations and text formatting (Bold, Italic, Underline, Color). The main interface features a 'QID:' field, a 'Make Unavailable to Randomizer' checkbox, and buttons for 'Answer Explanation' and 'Answer:'. The question text is: 'The closest planet to our Sun is _____.' Below the question is a list of five options, each in a separate row with a 'Points' column on the right:

Option	Text	Points
A	Venus	0
B	Jupiter	0
C	Saturn	0
D	Mercury	0
E	Pluto	0

Below the options is a 'Ref:' field containing the text: 'Passachoff "Astronomy", 1993 Edition, Page 264.' The bottom status bar includes navigation buttons, a 'TestBank Item: 13 of 13' indicator, and a system tray with the date '7/24/02' and time '1:27 PM'.

Build Student Tests

Then add your TestBank files and identify how many test items to randomly select from each. Then choose the type of test you wish to build.

The screenshot shows the 'Random Test Generator-PRO - [Test Builder]' application window. The title bar includes the application name and standard window controls. The menu bar contains 'File', 'Edit', 'View', 'Tests', 'Statistics', 'Tools', 'Administration', 'Window', and 'Help'. The toolbar includes icons for file operations and text formatting. The main area is a table with columns for 'TestBank Path/File Name(s)' and 'Amount'. The first row contains 'C:\Astronomy\Astron.Mdb' and '50'. Below the table are fields for 'Total Tests to Create: 1', 'Test Title:', 'Student Name:', and a checkbox for 'Create as Practice Test:'. On the right, there are radio buttons for 'Build Screen Test' (selected), 'Build Paper Test', and 'Build Web Test (HTML)'. Further right are fields for 'Total Questions:', 'Set Timer:' (checkbox), and 'Passing Score: 0 %'. At the bottom are 'Accept', 'Cancel', 'Save Template', and 'Load Template' buttons.

		TestBank Path/File Name(s)	Amount
Select	Clear	C:\Astronomy\Astron.Mdb	50
Select	Clear		
Select	Clear		
Select	Clear		
Select	Clear		
Select	Clear		
Select	Clear		
Select	Clear		
Select	Clear		
Select	Clear		

Total Tests to Create: 1
Test Title:
Student Name:
 Create as Practice Test:

Build Screen Test
 Build Paper Test
 Build Web Test (HTML)

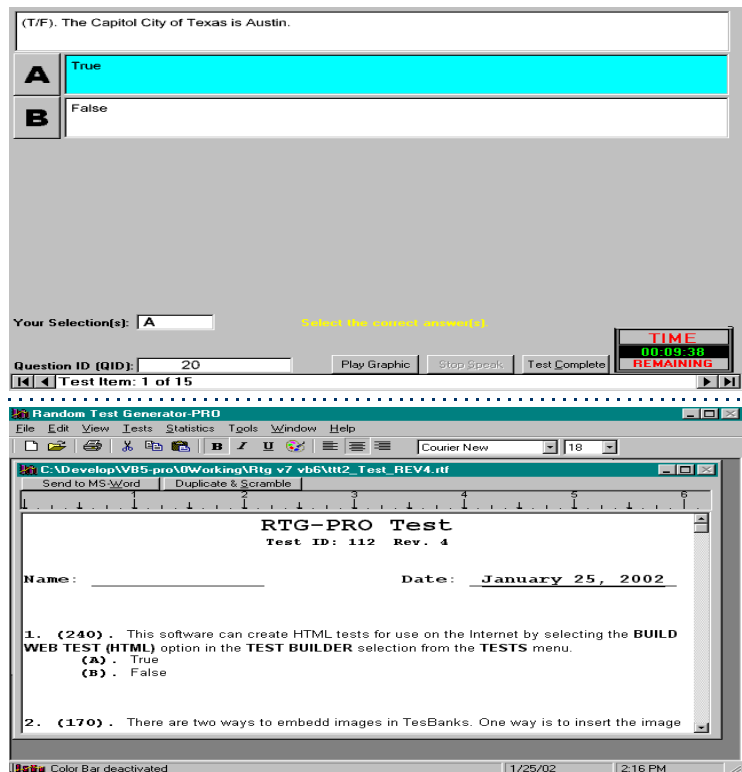
Total Questions:
 Set Timer:
Passing Score: 0 %

Accept Cancel Save Template Load Template

Test Types

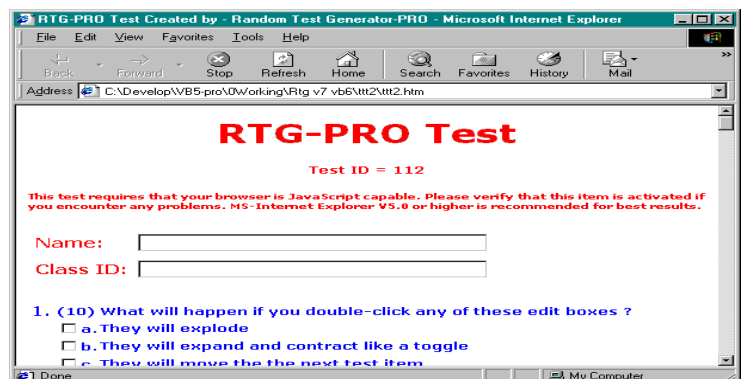
Computer Screen Test

Administer tests using the Random Test Generator-PRO software on the Computer.



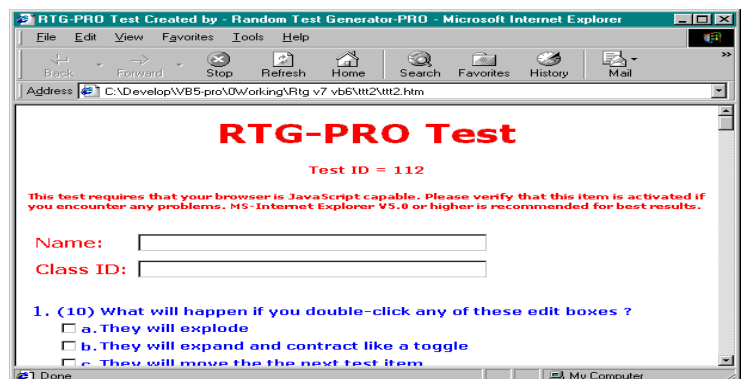
Paper Test

Administer tests as traditional paper tests. Tests are formatted and ready for printing.



Internet Tests

Administer tests over the Internet. Tests are automatically built with HTML and JavaScript and may be used with any Web Browser.



Grade & Analyze

Grade Test

Automatically grade computer screen tests in seconds. In addition, you may also create grade reports for printing.

Random Test Generator-PRO - Grade
C:\Develop\VB5-pro\Working\RTg v8 vb6\vx2.tst

Total Questions: 12
Available Choices: 12
Number Correct: 0
Number Incorrect: 12
Ungraded: 3
Final Score: 0%
Passing Score: Disabled

Require 100% Multiple-Choice Match Method
 Available Choices Vs Student Picks Method
 Incorrect Answer Penalty Method
 Manually Assigned Point Values Method

Re-Compute Review Create Report Close

Test Item Analysis

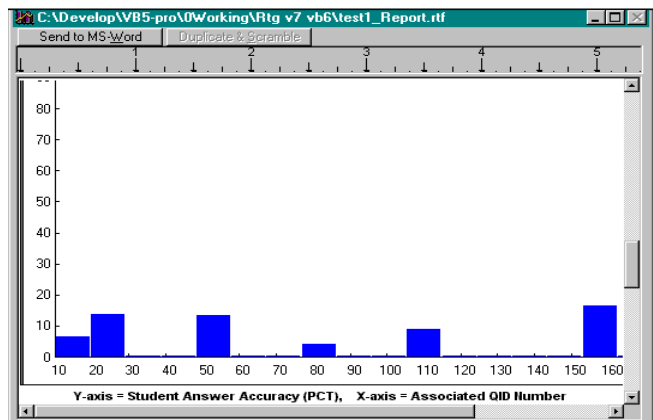
Automatically performs test item analysis to track every test item in each of your TestBanks to help you assess the validity of them.

Random Test Generator-PRO
Test Item Analysis Report
C:\Develop\VB5-pro\Working\RTg v7 vb6\test1.mdb
01/25/2002

TestBank Totals:

Cor.	Incor.	Pct
28	540	04.93

QID	Ans.	Cor.	Incor.	Pct	A	B	C	D
10	C	2	30	06.25	1	4	4	0
20	A	4	26	13.33	4	5	0	0



Features

- ◆ Create student tests in seconds
- ◆ Create screen (computer), paper and/or Internet (Web) tests
- ◆ Create unique student tests every time because your test items are randomly selected
- ◆ Create tests for classroom where every student test is different
- ◆ Create tests for classroom where every student test is same but questions are in different orders
- ◆ Create an unlimited number of TestBanks
- ◆ Create an unlimited number of test items in any TestBank
- ◆ Created tests are saved to files which may be re-used at anytime
- ◆ Student tests created as one type (screen, paper, Internet) may be also re-used as any other type
- ◆ Create login (password protected) accounts for Instructors and students
- ◆ Assign tests to students, when they log into their account they are automatically presented with the assigned test
- ◆ Automatically records times, dates and login names in a log file whenever someone logs in for security
- ◆ Import practically any of your existing test data into this software
- ◆ Create student tests as standard or practice test formats
- ◆ Provides the ability to set-up your own manually assigned point values for test grading
- ◆ Provides the ability to create in-depth answer explanations which will be displayed to students in practice tests
- ◆ Provides the ability to group test items together so every test item within the group will be used (if selected)
- ◆ Provides the ability to set test time limits
- ◆ Creates custom answer keys in seconds
- ◆ Automatically grades screen (computer) student tests
- ◆ Performs test item analysis automatically as students select their answer choices
- ◆ Provides the ability to manually edit test item analysis data for paper and Internet tests
- ◆ Creates numerous reports such as; grade, test item analysis, test performance
- ◆ Provides the use of multiple TestBanks to create a single student test
- ◆ Provides the use of images and any other multimedia files with your test items
- ◆ Provides the ability to manually review students tests and compare student answer selections against the true answers
- ◆ Works seamlessly with MS-Word and other word processing software
- ◆ Built-in FTP software which allows you to upload your Internet student tests to your web server
- ◆ Provides the ability to password protect access to this software
- ◆ Provides the ability to password protect your TestBank and student test files



Features (Cont...)



- ◆ Uses MS-Access technology already built-in to this software
- ◆ Provides spell checking and Thesaurus capabilities
- ◆ Provides the ability to store multimedia files directly into TestBanks and student test files
- ◆ Provides the ability for your Test items to be read out-loud using built-in text-to-speech synthesize voices
- ◆ Provides many options to control the format of your student tests
- ◆ Provides full word processing capabilities including font selections, sizes, colors and other attributes
- ◆ provides the ability to include reference (source) information for every test item you create
- ◆ Provides a 'validation' capability within your TestBanks to verify these TestBanks are completed correctly
- ◆ Provides the ability to store test items in your TestBanks but temporarily prevent some from being used in your student tests
- ◆ Provides the ability to create an unlimited amount of student tests at one time
- ◆ Includes advanced editing tools such as Find, Replace and Replace All
- ◆ Comes with a FREE 149 page software user's manual
- ◆ And much more!

Uses

- ◆ Provide your entire class tests on the same subject without any two students having the exact same test. In this situation each test would have many different randomly selected test items although based on the same topics (TestBanks). This method makes it near impossible for students to cheat off each other.
- ◆ Provide your class the exact same test questions but the question order being different from test to test. In this situation every student will be provided the exact same test items, but the order in which they are presented these test items will be different for every test. For example, question #5 for one student will be different compared to the same question #5 for another student. This method ensures your tests are identical (same test items) but makes it very difficult for student to cheat off of each other.
- ◆ Provide a single test for the entire class whereby each student has the exact same test and the question order is the same but by using this software to create the test, the test items will be selected randomly ensuring that your tests are not compromised beforehand.
- ◆ Random Test Generator-PRO is an ideal prep (preparation) tool to be used by those learning/studying any discipline since it stores an unlimited amount of test items. Therefore, it can be used for any single or group of subjects. Test items are randomly selected and thus may be randomly presented much like flash/index cards are often used when preparing for an examination.
- ◆ Distance Education - Automatically creates Internet tests from TestBanks of test items. Simply upload your RTG-PRO created web student tests to your web server and allow anyone to take them from anywhere in the world. They only need a web browser and an Internet connection.
- ◆ Student Remediation - Tests administered in "Practice" test mode allow students to review and see detailed answer explanations once their tests are complete in any test format (screen, paper and Internet).
- ◆ Test Item Analysis - This feature will assist you in analyzing the validity of your test items.
- ◆ And Much More!

Prices & Licensing

Quantity	Price per Copy	Discount Percentage
1 - 4	\$99.95	0%
5 - 9	\$89.95	10%
10 - 49	\$79.96	20%
50 - 99	\$69.96	30%
100 - 499	\$59.97	40%
500 - Above	\$49.97	50%

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System Requirements & Support



System Requirements:

Random Test Generator-PRO requires Windows 95/98/ME/NT/2000/XP computer operating environment. However, students may be administered Internet tests using a variety of operating systems which support Internet Explorer and Netscape browsers. Students do not need the use of Random Test Generator-PRO software unless they are being administered “screen” tests.

Support:

All license holders of Random Test Generator-PRO receive full support FREE. Unlike many other software providers, Hirtle Software does not require you to purchase support contracts. If you buy it, support is FREE.

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