

Check yourself on Estimator Version 7.0 **Answer Key**

1. Estimator 7.0 incorporates a new severe discrepancy formula. Compared to the old formula, it
  - A. retains the basic regression characteristic of the old formula
  - B. incorporates a one-tailed as opposed to a two-tailed test
  - C. incorporates a mathematically more elegant way of correcting for test unreliability
  - D. all of the above
  - E. none of the above
  
2. Estimator 7.0 generates a
  - A. percent likelihood a student exhibits a severe discrepancy between aptitude and achievement
  - B. percent confidence a student exhibits a severe discrepancy between aptitude and achievement
  - C. percent discrepancy between aptitude and achievement
  - D. percent aptitude probability of achievement
  - E. percent of population at age level exhibiting a severe discrepancy
  
3. Estimator 7.0 uses a severe discrepancy cutoff of
  - A. 90 percent
  - B. 93 percent
  - C. 95 percent
  - D. 97 percent
  - E. 99 percent
  
4. Estimator 7.0 is designed to
  - A. make using the Utah severe discrepancy formula easy
  - B. make rapid and accurate calculations
  - C. decrease the possibility of errors
  - D. all of the above
  - E. none of the above
  
5. Using the Utah severe discrepancy formula requires knowing
  - A. the reliabilities of the aptitude and achievement tests administered
  - B. the correlation between the aptitude and achievement tests administered
  - C. the validity of the aptitude and achievement tests administered
  - D. A and B
  - E. B and C

6. A severe discrepancy between aptitude and achievement is
- A. the sole criteria for a specific learning disability diagnosis
  - B. one criteria for a specific learning disability diagnosis
  - C. the main criteria for a specific learning disability diagnosis
  - D. not necessary for a specific learning disability diagnosis
  - E. only necessary to demonstrate when diagnosing an aptitude disability
7. Estimator 7.0 has screens for entering
- A. consultation and student information
  - B. aptitude test information
  - C. achievement test information
  - D. all of the above
  - E. none of the above
8. When using Estimator 7.0 it is best to use
- A. test data that are current at the time the student is considered (reconsidered) for LD eligibility
  - B. test data obtained at the time the student was originally qualified as LD
  - C. aptitude data from the original qualification decision and achievement data collected at the time of re-qualification
  - D. A and B
  - E. B and C
9. If exact data on the reliability of a test or test to test correlation data is not available, Estimator 7.0 will estimate it
- A. from grade based data
  - B. by extrapolating from ages where the data are available
  - C. by averaging data from age ranges of less than one year
  - D. all of the above
  - E. none of the above
10. If Estimator 7.0 cannot estimate the correlation between an aptitude and achievement test it uses the default value of
- A. .40
  - B. .50
  - C. .65
  - D. .90
  - E. .95

11. Estimator 7.0 checks to determine
- A. if it is possible for a student to score low enough on a particular achievement test to exhibit a severe discrepancy
  - B. if a student exhibits a severe discrepancy in all achievement areas
  - C. if a student has a high likelihood of a severe discrepancy
  - D. all of the above
  - E. none of the above
12. Estimator 7.0 generates
- A. a summary report documenting aptitude / achievement discrepancy data
  - B. an explanation of percent confidence
  - C. a technical report showing intermediate values when using the severe discrepancy formula
  - D. all of the above
  - E. none of the above
13. Step by step instructions for making calculations using the severe discrepancy formula are found
- A. in Estimator 7.0's online help menu
  - B. in the Estimator 7.0 manual
  - C. at the Estimator website
  - D. all of the above
  - E. none of the above
14. Estimator 7.0 may not allow entering scores at all ages a test developer has included in the standardization. This is generally because
- A. the reliability of the test was low at certain ages
  - B. the test content was inappropriate at certain ages
  - C. the sample size was low at certain ages
  - D. A and B
  - E. A and C
15. Estimator 7.0 should not be used to make multiple comparisons because
- A. it will cause the program to crash
  - B. it increases the probability of finding a severe discrepancy by chance
  - C. it decreases the probability of finding a severe discrepancy by chance
  - D. students cannot be qualified in multiple areas
  - E. state rules prohibit testing in multiple achievement areas

16. Requests to have tests not included in Estimator 7.0 reviewed and considered for inclusion should be submitted to

- A. Utah State University
- B. University of Utah
- C. Utah governor's office
- D. Utah State Office of Education
- E. district special education director

17. The Estimator 7.0 manual contains a

- A. list of tests that were reviewed and found not appropriate for inclusion in the program
- B. list of tests to be reviewed and considered for inclusion in the program
- C. test review form
- D. list of test publishers
- E. list of neuropsychological tests

18. Requests for additional copies of Estimator 7.0 should be directed to

- A. Utah State Office of Education
- B. district special education director
- C. Utah State University
- D. EIMS Corporation
- E. University of Utah