

1- As a measure of, the term refers to the score whose percentile rank is 50 in a set of scores.

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| 1) variability - variance | 2) central tendency - mean |
| 3) central tendency - median | 4) variability - standard deviation |

2- One of the features of the mean is that

- 1) the sum of squared deviations from it is zero
- 2) it is the middle score when scores are placed in rank order
- 3) it is not preferred to the median if the distribution has outliers
- 4) the sum of deviation from it is less than the sum of deviations from any other point

3- In a, the height of each column is proportional to the number of candidates falling into that interval.

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| 1) distribution | 2) frequency polygon |
| 3) sample | 4) histogram |

4- The correlation between each single item and the total test can be computed by using

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| 1) point-biserial | 2) coefficient of determination |
| 3) Spearman-rank order | 4) Pearson-product moment |

5- 15 testees in a lower group and 45 in the higher group answered a question correctly. If all of the subjects in the upper group have answered correctly, what is the item discrimination of this given item?

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| 1) 0.75 | 2) 0.90 |
| 3) 0.86 | 4) 0.66 |

6- All of the following are among the main purposes of item analysis EXCEPT

- 1) locating malfunctioning distracters
- 2) calculating the discrimination index of test items
- 3) determining the frequency of correct responses to an item
- 4) showing the correlation of an item with the others

7- Which measurement scale is considered the most applicable scale in language teaching research?

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| 1) interval | 2) nominal |
| 3) ordinal | 4) ratio |

8- Imagine that a set of raw scores has a mean of 41 and a standard deviation of 10. what would the z score be for a student whose raw score is 11?

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| 1) +1 | 2) -2 |
| 3) -3 | 4) 0 |

9- If Choice A is the correct one, which item has the most satisfactory choice distribution?

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|---------------------------|---------------------------|
| 1) A=40, B=2, C=28, D=30 | 2) A=35, B=25, C=20, D=20 |
| 3) A=60, B=15, C=15, D=10 | 4) A=40, B=38, C=12, D=10 |

10- With regard to item facility and item discrimination all of the following are true EXCEPT

- 1) item discrimination of an item with item facility of 0 is 0 as well
- 2) item facility of an item with item discrimination of 0 is 0
- 3) item facility of an item with item discrimination of 1 is 0.5
- 4) item discrimination of an item with item facility of 1 is 0

11- If the SD for class A is 3.06 and for class B is 6.7, it can be concluded that

- 1) class B has more students than class A
- 2) the scores in class B were higher than those in class A
- 3) class A is more homogeneous than class B
- 4) the mean score of class A is higher than that of class B

12- Which of the following is NOT true about the mode?

- 1) It is the most frequently occurring score.
- 2) It is not the least useful indicator of central value in a distribution.
- 3) If all the scores in a distribution occur with the same frequency, the distribution has no mode.
- 4) It is the simplest to find of the three measures of central tendency of a distribution.

13- All of the following are true about skewed distributions EXCEPT

- 1) In a positively skewed distribution the mean is *always* greater than the median and the median is *usually* greater than the mode.
- 2) In a negatively skewed distribution the mean is *always* smaller than the median and the median is *usually* smaller than the mode.
- 3) A negatively skewed distribution indicates that the examinees found the test too easy.
- 4) In skewed distributions, the median is pulled towards the end of the distribution in which the extreme scores lie.

14- Which of the following statements is FALSE?

- 1) Item facility analysis and item discrimination analysis are two types of item analyses applied for both CRTs and NRTs.
- 2) From a CRT perspective, in a test administered at the end of the course, the ideal item discrimination for each item would be zero.
- 3) The primary goal of distractor efficiency analysis is to examine the degree to which the distractors are attracting students who do not know the correct answer.
- 4) Item facility is used to examine the percentage of students who correctly answer a given item.

15- If a student's score in a teacher-made test of reading comprehension is two standard deviations above the mean, we can conclude that he has outperformed testees.

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| 1) 95 percent of the testes | 2) almost 98 percent of the subjects |
| 3) everybody in the group | 4) 90 percent of the class |

LANGUAGE TESTING – QUIZ 2

16- curve is a curve which has kurtosis or peaked distribution, and indicates a low variability of scores. In other words, the standard deviation and variance are so low in this curve and the scores are near the mean score.

- 1) Leptokurtic
- 2) Platykurtic
- 3) Mesokurtic
- 4) Gaussian curve

17- If a researcher wants to investigate the degree of relationship between gender and achievement in English as a second language as measured by scores of the end-of-the-year departmental examination, such a correlation is computed through

- 1) phi-correlation
- 2) point-biserial correlation
- 3) Rank-order correlation
- 4) Pearson-product moment correlation

18- All of following are true **EXCEPT**

- 1) SD provides a sort of average of the differences of all scores from the mean
- 2) SD is not affected as much as the range by aberrant scores that are exceptionally high or low
- 3) A low SD means that a set of scores is widely dispersed around the mean
- 4) On a test with a mean of 51 and SD of 10, we can expect about 95% of the student to score between 31 and 71

19- Trying out the pilot test with a group of testees who are similar to those for whom the test is intended is referred to as

- 1) pretesting
- 2) standardizing
- 3) validating
- 4) reviewing

20- What is the median in the following set of data?

21-17-13-15-13-18-20-11

- 1) 13
- 2) 14
- 3) 15
- 4) 16

ANSWER KEY

1- Choice 3

4- Choice 1

7- Choice 1

10- Choice 2

13- Choice 4

16- Choice 2

19- Choice 1

2- Choice 3

5- Choice 4

8- Choice 3

11- Choice 3

14- Choice 1

17- Choice 2

20- Choice 4

3- Choice 4

6- Choice 4

9- Choice 3

12- Choice 2

15- Choice 2

18- Choice 3