



تعداد سوالات: تستی: ۳۰ تشریحی: —

نام درس: اصول و روش تحقیق (۲)

زمان آزمون: تستی: ۶۰ تشریحی: — دقیقه

رشته تحصیلی و کد درس: مترجمی زبان - ادبیات انگلیسی - (۱۲۱۲۰۹۱ - ۱۲۱۲۱۳۲)

آزمون نمره منفی دارد ○ ندارد ⊗

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مجاز نیست.

استفاده از: فرهنگ لغات

کد سری سؤال: یک (۱)

امام علی (ع): برتری مردم به یکدیگر، به دانش‌ها و خرده‌هاست؛ نه به ثروت‌ها و تبارها.

Select a, b, c or d which best completes each test item.

- To avoid exercising particular bias in sampling, the use of is the only solution .
 a. post - testing b. pre - testing c. randomization d. treatment / placebo
- Standard scores are scores interpreted in terms of the and
 a. mean - range b. variance - mean c. mean - sd d. median - sd
- The asymptotic property of the normal distribution implies
 a. $-\infty$ to $+\infty$ values b. symmetry of the curve
 c. unimodality d. asymmetry
- Of all sampling procedures, the sampling leads to a more representative sample of the population .
 a. stratified random b. simple random c. systematic d. cluster
- A major shortcoming of closed questionnaires is
 a. the influence of researcher's bias b. their difficulty of scoring
 c. administration problems d. difficulty of interpretation of results
- Construct validity primarily deals with the existence of a
 a. hypothetical concept b. coherent content c. future situation d. correlation
- A researcher intending to obtain information about attitudes of subjects can use for data collection.
 a. tests b. Likert scale c. TAT d. projective tests
- The concept of " population " implies
 a. a large unit b. a few units c. a relative concept d. represent ativeness
- If a researcher selects every nth subject on his/ her list, s/ he is using sampling.
 a. simple random b. systematic c. cluster d. stratified
- If most of scores in a distribution are high, the distribution is
 a. negatively skewed b. positively skewed c. flat d. normally distributed



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11. In z distribution, the value of the mean of distribution is
- a. 0 b. -1 c. +1 d. 68%
12. A characteristic obtained from descriptive statistics is called a (n)
- a. inferential statistics b. descriptive statistics c. parameter d. statistic
13. A researcher intending to make generalizations about the population needsstatistics.
- a. inferential b. t - test c. SEM d. descriptive
14. On a normal distribution, the probability of a Z score of +2 equals percent.
- a. 50 b. 16 c. 87 d. 97
15. Levels of significance indicate the in hypothesis testing process of research.
- a. Importance of research b. Standard error of the means
- c. Extent of errors in research d. Degree of freedom
16. The probability of getting the correct response on a five-choice test item would be.....
- a. .25 b. .5 c. .4 d. .2
17. What is Arshia's Z score if:
His score= 15 SD = 4 the mean=15
- a. -1 b. +1 c. 0 d. .75
18. In a null hypothesis, the level of significance is set in
- a. Positive Z values b. Negative Z values c. One direction d. Two directions
19. In a flat distribution,
- a. There is no mode b. Mode is zero
- c. A bimodal curve is possible d. A unimodal curve is possible
20. When the distribution is skewed and the N is small, the..... is a more accurate measure of central tendency.
- a. Mean b. Mode c. Median d. Range



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کُد سری سؤال: یک (۱)

21. The choice between a one-tailed and a two-tailed test of hypothesis depends on the researcher's.....

- a. Ease of application
 b. Evidence to support a relationship
 c. Taste
 d. Knowledge of probability

22. In an experimental research design, if a researcher collects data from one sample group, the statistics used is.....

- a. T-test
 b. Matched t-test
 c. Independent t-test
 d. T-observed

23. A null hypothesis formulated by a researcher can be rejected if

- a. T-observed exceeds t-critical
 b. T-critical exceeds t-observed
 c. a level is set at .05
 d. a level is set at .01

24. An assumption underlying t-test is that

- a. An interval scale is used
 b. Every subject is assigned to two groups
 c. Scores are not normally distributed
 d. Subjects are selected randomly

25. The non-technical interpretation of the research findings is stated in the.....section of research report.

- a. Result
 b. Discussion
 c. Method
 d. Procedure

26. In summarizing data, the bottom up adding up of simple frequencies results in.....

- a. Cumulative frequency
 b. Absolute frequency
 c. Percentage
 d. Percentile rank

27. To determine the position of a subject in a distribution, a researcher should calculate

- a. Percentage
 b. Percentile rank
 c. Cumulative frequency
 d. Relative cumulative frequency



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28. The correct order of components of research report is

- a. Abstract -preliminary-introduction-method
- b. Preliminaries-abstract-introduction- Conclusion
- c. Abstract-introduction-method-preliminary
- d. Preliminaries-abstract-introduction-method

29. Standardization of scores paves the way for

- a. Subjects' position in a group
- b. Choice of probability level
- c. Better comparison of scores
- d. Selection of hypothesis

30. In an experimental research with both control and experimental groups, degree of freedom is

- a. N- 1
- b. N-2
- c. N-3
- d. N-4