

Critical thinking in academic research, credit-test 3, 20.06.2008

Circle the best answer.

1. Modus tollens in syllogism:

- (a) leads to teleology,
- (b) is fallible,
- (c) is impossible,
- (d) guarantees correct inference,
- (e) occurs in the major premiss.

2. In inferential statistics:

- (a) tests are applied,
- (b) predictions are made on the sample,
- (c) predictions are made on the population,
- (d) ANOVA is used,
- (e) sorting is important.

3. Persuasion tends to appear in:

- (a) defining,
- (b) observing,
- (c) experimenting,
- (d) inferring,
- (e) falsifying.

4. Ostension is sometimes used in:

- (a) hypothesizing,
- (b) predicting,
- (c) explaining,
- (d) abstracting,
- (e) defining.

5. "Po przecinku pełne zer p / Lepsze ... Lepsze niż ... Euterpe!"

(http://ifa.amu.edu.pl/~swlodek/Lepiej_meth.html) is a comment on:

- (a) statistics,
- (b) syllogism,
- (c) typography,
- (d) stylesheet,
- (e) causality.

Best answers: 1d, 2c, 3a, 4e, 5a.