

Critical thinking in academic research, credit-test, 05.02.2009

Circle the best answer.

1. The Gaussian curve has the shape of a:

- (a) triangle,
- (b) square,
- (c) cline,
- (d) bell,
- (e) ellipsis.

2. Syllogism is composed of ... propositions:

- (a) two,
- (b) three,
- (c) four,
- (d) five,
- (e) a variable number of.

3. It is better, in research, to go beyond:

- (a) *prima facie*,
- (b) *in medias res*,
- (c) *ad rem*,
- (d) *modus procedendi*,
- (e) *propter hoc*.

4. *Idiographic* is an antonym of:

- (a) *nanothetic*,
- (b) *monothetic*,
- (c) *homiletic*,
- (d) *idiothetic*,
- (e) *nomothetic*.

5. The essence of plagiarism is:

- (a) theft,
- (b) intention,
- (c) identity,
- (d) deception,
- (e) [none].

6. One should guard against observer's paradox in:

- (a) defining,
- (b) experimenting,
- (c) inferring,
- (d) abstracting,
- (e) predicting.

7. Venn's diagrams are good for:

- (a) deriving wisdom from knowledge,
- (b) defining,
- (c) descriptive statistics,
- (d) introspection,
- (e) heuristics.

8. "Bigger is better" because of:

- (a) teens,
- (b) means,
- (c) genes,
- (d) queens,
- (e) scenes.

9. Random sampling is best done:

- (a) by hand,
- (b) by alphabet,
- (c) with random number generator,
- (d) with eyes closed,
- (e) reverse-alphabetically.

Best answers: 1d, 2b, 3a, 4e, 5e, 6b, 7e, 8c, 9c.