

Paper 2 – Assessment of personality mental ability

Principles of Good Research

Neil Armstrong says: **“Research is creating new knowledge.”**

1. Objectivity: The objective of research work needs to be clearly described and common precept is used.

2. Use of scientific process: The research process used must be explained in detail allowing other researchers to repeat the research in a systematic way.

3. Planning: The design needs to be prepared

in the most scientific way and all aspects of resources, time period, constraints, and procedural factors are considered.

4. *Continuity*: The study has to be conducted in a way that the principle of continuity is guaranteed.

5. *Integrity*: The researcher must document with complete frankness, weaknesses in procedural design, and assess their impact on the results.

6. *Reliability*: The validity and reliability of data need to be examined with care.

7. *Adequacy of Data*: The analysis of data must be sufficient to disclose its significance and the approaches to analysis employed must be suitable.

8. *Structure*: This would mean that research

is organized with a particular sequence as per the well-defined set of rules. Guessing and intuition in arriving at conclusions are discarded.

9. *Logic*: What this means is that research is well guided by the rules of logical reasoning and logical process of induction and deduction are used.

10. *Empiricism*: This means that research is connected basically to one or more facets of a real situation and deals with concrete data which gives a basis for the external validity of research outcomes.

11. *Replicability*: This principle enables research outcome to be validated by replicating the research and thus creating a sound basis for the decision.

12. *Economics*: Research must be completed

within the allotted financial resources

13. *Time-frame*: Frame research needs to be finished in the established time frame.

These are the fundamental components of the principles of good research writing. Individuals associated with designing, conducting, analyzing and supervising the research must have a full understanding of the subject area. All research must be ethical and not unsafe in any way for the contributors.