

**COVENANT UNIVERSITY
NIGERIA**

*TUTORIAL KIT
OMEGA SEMESTER*

PROGRAMME: PSYCHOLOGY

COURSE: PSY 123

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PSY123: BASIC CONCEPTS IN EXPERIMENTAL PSYCHOLOGY

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1. Give broad definitions of measurement
2. Describe the basic steps in conducting an experiment
3. Explain alternative ways of researching a behaviour of interest that cannot be studied under experimental conditions

Give detailed explanation of the following:

4. Properties of measurement
5. Scales/Levels of measurement
6. Types of measures
7. Explain the characteristics of science
8. Thoroughly explain the steps in conducting an experiment
9. Describe the sampling techniques/methods used in research
10. Explain ways of determining the validity of a measurement
11. Differentiate between probability and non-probability sampling techniques
12. Describe the traits and types of variables
13. Explain reliability and validity of measurement
14. Why is there need for control in an experiment?

Describe the following experimental methods:

15. Laboratory experiment
16. Field experiment
17. Naturalistic experiment
18. Explain ways of determining the reliability of a measurement
19. Describe the types of tests frequently used to assess individual differences
20. Explain the functions of a theory