

Quadrant IV – Assessment (Module – wise)

Programme: Bachelor of Arts (Third Year)

Subject: Psychology

Course Code: PSC106

Course Title: Psychological Testing

Unit: 03 (Reliability and Validity)

Module Name: Concept of reliability, sources of error variance

Name of the Presenter: Michelle Fernandes (Ph.D)

MCQ

1. Which term best describes the consistency of an assessment measure?
 - a. Variance
 - b. Reliability
 - c. Validity
 - d. Correlation
2. $r = +.91$ is best described as
 - a. A weak negative relationship between variables
 - b. A strong positive relationship between variables
 - c. A weak positive relationship between variables
 - d. A strong negative relationship between variables
3. The formula, $X=T+E$, the E stands for
 - a. Equivalence
 - b. Random error
 - c. Systematic error
 - d. Equality
4. In the context of psychometrics, error refers to the component of the observed score on an ability test that:
 - a. Does not have to do with the ability being measured
 - b. Was distorted as a result of examiner error
 - c. May have been measured inaccurately for whatever reason
 - d. Was administered solely for experimental reasons
5. Which is source of error variance:
 - a. Test construction
 - b. Test administration
 - c. Test scoring

- d. All of the above
6. According to the true score theory, an individual's score on a test of extraversion reflects a level of extraversion as defined by the test and that level is presumed to be:
- The test-taker's "true" level of extraversion
 - Only an estimate of the test-takers's true level of extraversion
 - Greater than the degree of error inherent in the score
 - Less than or equal to the degree of error inherent in the score

Completion type (fill-in-the-blanks)

Nil

Short Answer – I (short notes - say 20 to 50 words)

Nil

Short Answer – II (extended – say 50 to 100 words)

1. Explain the concept of reliability.
2. Discuss the Classical test theory,
3. Elaborate on the various sources of error variance.

Matching type

Nil

Numerical/Problems to Solve

Nil

Self-reflection

1. What might be a source of systematic error inherent in all the tests an assessor administers in his/her private office?