**Unit Objectives: Unit 3**

*Students should be able to:*

1. Provide an accurate conceptual description of the concept of correlation.

2. Differentiate between the following correlation coefficients, and describe the information yielded by them:
   - Pearson product moment
   - Spearman’s rho
   - Biserial

3. Calculate, from memory, the formula for standard error measurement.

4. Provide a conceptually accurate explanation for standard error of measurement.

5. Discuss the utility of standard error of measurement.

6. Provide a conceptually accurate description of the following concepts:
   - Coefficient of determination
   - Coefficient of alienation
   - Shrinkage
   - Standard error of estimate