**Training Workshops on the Basics of Structural Equation Modelling (SEM) using R.**

(Pre/post-test questions)

1. A multivariate statistical technique studying interrelationships among variables, usually for discovering constructs or data reduction, is known as:
2. Multiple regression
3. Correlation analysis
4. Factor analysis
5. What types of variables can be used in factor analysis?
6. Nonmetric variables only
7. Metric variables only
8. Primarily as long as a correlation value can be calculated among variables.
9. If a researcher wanted to determine which variables relate to which factors, a researcher would look at:
10. Factor loadings
11. Eigen values
12. None of the above
13. Which of the following can be used to determine how many factors to extract from a factor analysis?
14. Eigen values
15. Scree plot
16. All of the above
17. Which of the following is an example of orthogonal rotation?
18. Varimax
19. Oblimin
20. Oblique
21. Which of the following is an example of oblique rotation?
    1. Varimax
    2. Oblimin
    3. Orthogonal
22. Which of the following criteria is used to assess the quality of measurement in structural equation modelling (SEM)?
    1. Fit indices
    2. Path coefficients
    3. None of the above
23. Confirmatory factor analysis (CFA) is a type of SEM.
    1. TRUE
    2. FALSE