

MA Economics SEM I
Statistical Methods in Economics
Sample Question Paper

- Q1. _____ has introduced rank correlation Coefficient.
- A. Karl Pearson
 - B. Ramanujan
 - C. Spearman
 - D. Poisson
- Q2. _____ depends on the ratio of change between two variables.
- A. Simple and Multiple correlation
 - B. Positive and Negative correlation
 - C. Linear and non-linear
 - D. Covariance and Variable
- Q3. Normal Distribution depends on _____.
- A. Mean and median
 - B. Mean and the standard deviation
 - C. Mean and mode
 - D. Mode and the standard deviation
- Q4. Any hypothesis which is tested for the purpose of rejection under the assumption that it is true is called -----
- A. Alternative hypothesis
 - B. Composite hypothesis
 - C. Statistical hypothesis
 - D. Null hypothesis
- Q5. The probability of rejecting the null hypothesis when it is true is called -----
- A. Level of confidence
 - B. Power of the test
 - C. Level of significance
 - D. Power of confidence

- Q6. If the critical region is located equally in both sides of the sampling distribution of test-statistic, the test is called -----
- A. Two tailed
 - B. One tailed
 - C. Right tailed
 - D. Left tailed
- Q7. In regression analysis, the variable that is being predicted is -----
- A. The dependent variable
 - B. The independent variable
 - C. Usually denoted by x
 - D. Usually denoted by y
- Q8. How many coefficients do you need to estimate in a simple linear regression model (One independent variable)?
- A. 1
 - B. 3
 - C. 2
 - D. 4
- Q9. Who developed the test for detecting the heteroscedasticity in 1969?
- A. Glejser
 - B. Goldfeld
 - C. Quandt
 - D. Spearman
- Q10. For detecting the problem of heteroscedasticity Glejser suggested six functional forms to test the relationship between ----- and -----.
- A. Dependent variable, Independent variable
 - B. Exogeneous variable, Indogenous variable
 - C. Stochastic term, Explanatory variable
 - D. Dependent variable, Dependent variable