Eco253 TMA 3

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Which is not a type of index number

- VAT index number **Ans**
- Quantity index number
- Paache's Index number
- Laspeyre's price index

_____ is not an assumption of product moment correlation?

- The variance of the two measures is same
- Measurement of the variables are on ratio scale
- The sample represents the population
- variables in the model are orthogonally related **Ans**

What can be said of Laspeyreâ€™s Price Index of 145.2%_____

- There is an increase of 45.25% in the price of commodities **Ans**
- There is a decrease of 45.2% in the price of commodities
- There is a decreaseof 45.25% in the price of commodities
- There is an increase of 145.2% in the price of commodities

_____ is a variables whose value is to be predicted.

- explanatory
- Predictor
- Dependent variable **Ans**
- Independent variable

_____ means stepping back or retaining to the average value

- Redressing
- Recession
- Progression
- Regression **Ans**

In statistics, the independent variable is also known as _____

- Regression
- Predictor **Ans**
- sample
- Regressor

Another name for standard error is _____

- population error
- median error
- error of omission
- error margin **Ans**

_____ is a valid assumption of ANOVA?

- It assumed a multinomial model
- the existence of an error term
- The observations are scattered
- Treatment and environment effects are additive **Ans**

Poisson distribution may be obtained as a limiting case of binomial probability distribution

- Poisson distribution is large
- Not sure
- Yes **Ans**

- No

The Pearson correlation coefficient is based on _____

- Dependent variables
- Regression
- Pairs of mearsurement **Ans**
- One variable