## ASSIGNMENT

Q1. what is meant by additive and multiplicative models of a time series?

Q2. Explain clearly the method of moving average for determining trend component of a time series by giving an illustration.

Q3. How would you use the method of seasonal indices to separate seasonal component in a time series?

Q4. Explain clearly the concept of a stationary time series.

Q5. Explain the terms (1) Random walk with a drift (2) Random walk without drift

(3) Correlogram analysis

Q6. what is unit root test? Explain briefly the work procedure for DF test

Q7. what is cointegration? How it is useful in macroeconomic applications?