



ST. LAWRENCE HIGH SCHOOL
A JESUIT CHRISTIAN MINORITY INSTITUTION



WORKSHEET-19

SUBJECT - STATISTICS

Term : PRE TEST

Topic - TIME SERIES ANALYSIS
Full Marks: 15

Class: XII
Date:02.07.2020

Q1. Select the correct alternative of the following questions.

- (i) Number of techniques used to determine trend values in time series analysis is
a) 1 b) 2 c) 0 d) none of these
- (ii) Seasonal trend gives a curve which is
a) long term b) short term c) both d) none of these
- (iii) Cyclical trend gives a curve which is
a) oscillatory b) rotatory c) both d) none of these
- (iv) With which component of time series would you mainly associate increase in the sales of badminton rackets
a) secular trend b) seasonal variation c) cyclical trend d) none of these
- (v) With which component of time series would you mainly associate bull phase of the sensenx
a) secular trend b) seasonal variation c) cyclical trend d) none of these
- (vi) With which component of time series would you mainly associate increase in sales of television sets before World Cup Cricket competition.
a) secular trend b) seasonal variation c) cyclical trend d) none of these
- (vii) With which component of time series would you mainly associate delay in the production of a factory due to lock down due to Covid 19
a) secular trend b) seasonal variation c) cyclical trend d) none of these

- (viii) With which component of time series would you mainly associate sales by hawkers after puja in Kolkata
 a) secular trend b) seasonal variation c) cyclical trend d) none of these
- (ix) With which component of time series would you mainly associate withdrawals (or deposits) in a bank during the months of a year.
 a) secular trend b) seasonal variation c) cyclical trend d) none of these
- (x) With which component of time series would you mainly associate price of petrol after Umphan in West Bengal
 a) secular trend b) seasonal variation c) cyclical trend d) none of these
- (xi) With which component of time series would you mainly associate cost of staying in hotels after Covid 19
 a) secular trend b) seasonal variation c) cyclical trend d) none of these
- (xii) With which component of time series would you mainly associate sale of umbrella in kolkata
 a) secular trend b) seasonal variation c) cyclical trend d) none of these
- (xiii) Determination of secular trend is done by
 a) semi average method b) partly average method
 c) average method d) none of these
- (xiv) By moving average method one forecast
 a) can b) can not c) can sometimes d) none of these
- (xv) In time series moving average method is used to determine the
 a) secular trend b) seasonal trend c) cyclical trend d) none of these

Prepared by

Sanjay Bhattacharya