BUSINESS STATISTICS

UNIT – I

Q.1 Give a proper definition of statistics. Explain limitations of statistics and discuss the importance of statistics in the present time.

Q.2 What do you understand by Primary and Secondary data? Explain different sources of Primary and Secondary data. What are the precautions while using data.

Illustration : 119/3, 121/5, 134/7

UNIT – II

MEASURES OF CENTRAL TENDENCY

Illustration : 201/18, 202/21, 206/28, 207/30, 208/31, 209/34, 231/5, 242/5,265/16, 268/21,271/25, 292/14, 296/21, 344/6, 374/9, 378/15, 396/5,6, 417/4, 426/17,

Exercise : 224/12, 402/7, 403/8 , 438/10

Q.1 What is meant by central tendency? Describe the various methods of measuring it and point out the merits and demerits and usefulness of each method.

UNIT – III

CORRELATION

Illustration : 454/3, 456/6, 457/7, 462/16, 466/22, 467/23. 470/26, 471/28, 480/1, 487/2, 495/2, 496/4, 497/5

Exercise: 475/6,9, 476/15,16,18, 484/3, 489/3, 500/5,6

REGRESSION ANALYSIS

Illustration: 795/3, 797/6, 798/8, 811/28, 812/29

Q.1 Explain the meaning and importance of correlation. What are the different methods of finding correlation.

Q.2 Explain the concept of regression. How does it differ from correlation?

UNIT – IV

INDEX NUMBER:

Illustration : 521/8, 522/10,527/18,530/24, 531/26, 532/28, 535/33, 543/41,42, 550/48, 556/52, 558/55,56

Exercise: 567/45,46,50, 569/58,63, 570/65,68, 573/84

ANALYSIS OF TIME SERIES

Illustration: 583/2, 585/4,5, 590/8

Exercise : 602/6,8,10

Q.1 Explain Index Number. Why Fisher's formula is referred to as an ideal index?

Q.2 What is time series analysis? What are the components o time series? Explain the various methods of estimating secular trend of a time series.

UNIT – V

FORCASTING AND METHODS

Q.1 Discuss the objectives, nature and techniques of business forecasting.

Q.2 What is business forecasting? Explain those statistical methods which help of business forecasting.

THEORY OF PROBABILITY

Illustration : 697/2, 699/8,10, 702/15, 703/17,19, 705/22, 709/30, 710/33, 711/36,38, 713/42,43, 714/45, 723/10,11,12, 726/20,735/8,743/7, 749/3

Q.1 Discuss the importance of the concept of probability in statistics.