



Pakistan Urdu School- Kingdom of Bahrain

Curriculum Implementation Plan for Business Statistics Grade - **XII Commerce**

No.	Month/Week	Starting Date	Topics from Textbook or Others (Specify Unit Titles and Numbers)	National Curriculum References (Competency, Standards, Themes)	Total Periods
1.	May -4 th Week	20/05/2018	<u>Chapter 1: What is Statistics?</u> i. Nature and Purpose of statistics ii. Characteristics, Functions, Limitations of Statistics iii. Application of Statistics iv. Kinds of statistics v. History of Statistics vi. Sample, Population, Parameter and Statistic vii. Types of data viii. Statistical Enquiry and its styles ix. Data Collection and editing	Develop an understanding of the fundamental statistical concepts and some of their basic applications in different fields	3
2.	May - 4 th Week & 5 th Week June -1 st Week Aug - 5 th week September	23/05/2018	<u>Chapter 2: Presentation of Data</u> i. Importance of presentation of data ii. Classification and Tabulation iii. Frequency Distribution a. Simple frequency distribution b. Relative frequency distribution c. Cumulative frequency distribution iv. Basic terms associated with frequency distribution v. Graphical representation of data using Charts a. Simple Bar Chart b. Multiple Bar Chart c. Component Bar Charts vi. Graphical representation of data using Graphs a. Histogram b. Frequency Curve/Polygon c. Ogives d. Histogram	Develop skills in presenting quantitative data using appropriate diagrams, tabulations and summaries.	26

3.	October-1 st week to 5 th week November-1 st week	01/10/2018	<p><u>Chapter 3 : Averages of First Order</u></p> <ul style="list-style-type: none"> i. Arithmetic Mean and its calculation ii. Weighted Arithmetic mean iii. Properties of Arithmetic mean iv. Median and its calculation v. Mode and its calculation vi. Location of Positional averages vii. Empirical relationship between mean, median and mode 	Demonstrate proficiency in analyzing data using different statistical methods.	33
4.	November -2 nd and 3 rd week January – 1 st week to 5 th week	11/11/2018	<p><u>Chapter 4 : Index Numbers</u></p> <ul style="list-style-type: none"> i. Definition, history, construction, uses and limitations of index numbers ii. Types of index numbers iii. Construction of Simple price/quantity index number or Price/quantity relative by: <ul style="list-style-type: none"> a. Fixed base method b. Chain base method iv. Construction of Composite price/quantity index number or link relatives and chain indices by : <ul style="list-style-type: none"> a. Simple aggregative method b. Simple average of relatives method c. Weighted index number 	Demonstrate proficiency in analyzing data using different statistical methods.	39
5.	February - 1 st week	03/02/2019	<p><u>Chapter 5: Basic Set Theory And Counting Techniques</u></p> <ul style="list-style-type: none"> i. Counting techniques ii. Permutation iii. Combination 	Demonstrate proficiency in analyzing data using different statistical methods.	3
6.	February 1 st week to 4 th week	06/02/2019	<p><u>Chapter 6: Probability</u></p> <ul style="list-style-type: none"> i. Introduction to probability ii. Technical terms relating to probability iii. Methods of finding sample points iv. Calculation of probability v. Events and its types vi. Laws of probability 	Demonstrate understanding of the laws of probability and develop problem solving skills for basic probability questions	21