Bachelor of Business Administration (B.B.A)

Teacher Name: Dr Amita, Paper 3 Semester 4th

April 2021

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| Correlation: Introduction; Importance; Types of correlation; Methods of Studying correlation. |

May 2021

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| Linear regression: Introduction; Importance; Comparison of correlation and regression analysis; Methods of studying regression; Properties of regression lines; Error of estimate; Total variance; Explained variance; Unexplained variance; Coefficient of determination. |

June 2021

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| Probability: Introduction and significance; Definition of probability; Joint, marginal and conditional probabilities; Independent, Dependent, Mutually exclusive; Exhaustive and Complementary events; Theories of probabilities: Bayes’s theories. |

July 2021

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| Time series: Definition; Components; Analysis; Measurement of trend, seasonal, cyclical and random variation.  Hypothesis testing: Procedure for testing hypothesis tests in attributes; Tests in variables  (small and large samples).  Computation of above mentioned statistical techniques with Microsoft excel. |