

Name: **Dr. Sudesh Kumar**
 Class and Section: **B.Sc. I (Theory)**
 Subject: **Statistics**

| Week | Date | Topic |
|----------|-----------|--|
| 1 | 1-Jan-18 | Correlation - Introduction |
| | 2-Jan-18 | Concept and types of Correlation |
| | 3-Jan-18 | Diagram, Karl Pearson's Coefficient of Correlation |
| | 4-Jan-18 | Correlation |
| | 5-Jan-18 | Correlation for a Bivariate frequency distribution |
| | 6-Jan-18 | Merits and demerits of Corr. Coefficient |
| | 7-Jan-18 | Sunday |
| 2 | 8-Jan-18 | Limits of rank correlation |
| | 9-Jan-18 | Numerical problems related to the above |
| | 10-Jan-18 | Numerical problems related to the above |
| | 11-Jan-18 | Numerical problems related to the above |
| | 12-Jan-18 | Curve fitting – introduction |
| | 13-Jan-18 | Diagrammatic Interpretation of Curve Fitting |
| | 14-Jan-18 | Sunday |
| 3 | 15-Jan-18 | Principal of Least Squares |
| | 16-Jan-18 | Fitting of Straight line |
| | 17-Jan-18 | Slowed Degree Parabola |
| | 18-Jan-18 | Power curves of the type $Y=ex^b$ |
| | 19-Jan-18 | Exponential curves of the type $Y=ab^x$ |
| | 20-Jan-18 | Exponential curves of the type $Y=ae^{bx}$ |
| | 21-Jan-18 | Sunday |
| 4 | 22-Jan-18 | Basant Panchami |
| | 23-Jan-18 | Linear Regression |
| | 24-Jan-18 | Sir Chhotu Ram Jayanti |
| | 25-Jan-18 | Two lines of regression |
| | 26-Jan-18 | Republic Day |
| | 27-Jan-18 | Regression Coefficients |
| | 28-Jan-18 | Sunday |
| 5 | 29-Jan-18 | Properties of regression coefficients |
| | 30-Jan-18 | Test |
| | 31-Jan-18 | Angle between two regression lines |

| Week | Date | Topic |
|----------|-----------|--|
| 1 | 1-Feb-18 | Standard Error of Estimate |
| | 2-Feb-18 | Correlations Coefficient between observed & estimated values |
| | 3-Feb-18 | Correlations Coefficient between observed & estimated values |
| | 4-Feb-18 | Sunday |
| 2 | 5-Feb-18 | Multiple regression for three variables |
| | 6-Feb-18 | Peeve of Regression, properties of Residuals |
| | 7-Feb-18 | Variance of the residual |
| | 8-Feb-18 | Multiple and partial correlation coefficients |
| | 9-Feb-18 | Coefficients of multiple correlation and its properties |
| | 10-Feb-18 | Maharishi Dayanand Saraswati Jayanti |

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| | 11-Feb-18 | Sunday |
| 3 | 12-Feb-18 | Coefficient of partial correlation and its properties |
| | 13-Feb-18 | Mahashivratri |
| | 14-Feb-18 | Multiple correlation in terms of total and partial core coefficient |
| | 15-Feb-18 | Bernoulli distribution and its moments |
| | 16-Feb-18 | Binomial Distribution |
| | 17-Feb-18 | Moments, Recurrence relation for the moments |
| | 18-Feb-18 | Sunday |
| 4 | 19-Feb-18 | Mean deviation about mean, mode |
| | 20-Feb-18 | Additive property and recurrence relation for the Prob. of Distribution |
| | 21-Feb-18 | Poisson distribution |
| | 22-Feb-18 | Poisson distribution as limiting case of Binomial distribution |
| | 23-Feb-18 | Test |
| | 24-Feb-18 | Moments |
| | 25-Feb-18 | Sunday |
| 5 | 26-Feb-18 | Mode of Poisson Distribution, recurrence relation for moments |
| | 27-Feb-18 | M.G.F |
| | 28-Feb-18 | University Holidays |

| Week | Date | Topic |
|-------------|-------------|--------------------------------------|
| 1 | 1-Mar-18 | University Holidays |
| | 2-Mar-18 | University Holidays |
| | 3-Mar-18 | University Holidays |
| | 4-Mar-18 | University Holidays/Sunday |
| 2 | 5-Mar-18 | |
| | 6-Mar-18 | |
| | 7-Mar-18 | |
| | 8-Mar-18 | |
| | 9-Mar-18 | |
| | 10-Mar-18 | |
| | 11-Mar-18 | Sunday |
| 3 | 12-Mar-18 | |
| | 13-Mar-18 | |
| | 14-Mar-18 | |
| | 15-Mar-18 | |
| | 16-Mar-18 | |
| | 17-Mar-18 | |
| | 18-Mar-18 | Sunday |
| 4 | 19-Mar-18 | |
| | 20-Mar-18 | |
| | 21-Mar-18 | |
| | 22-Mar-18 | |
| | 23-Mar-18 | Shahidi diwas of Bhagat Singh |
| | 24-Mar-18 | |
| | 25-Mar-18 | Sunday |
| 5 | 26-Mar-18 | |

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| | 27-Mar-18 | |
| | 28-Mar-18 | Class Test |
| | 29-Mar-18 | Mahavir Jayanti |
| | 30-Mar-18 | |
| | 31-Mar-18 | |

| Week | Date | Topic |
|-------------|-------------|--|
| | 1-Apr-18 | Sunday |
| 1 | 2-Apr-18 | |
| | 3-Apr-18 | |
| | 4-Apr-18 | |
| | 5-Apr-18 | |
| | 6-Apr-18 | |
| | 7-Apr-18 | |
| | 8-Apr-18 | Sunday |
| 2 | 9-Apr-18 | |
| | 10-Apr-18 | |
| | 11-Apr-18 | |
| | 12-Apr-18 | |
| | 13-Apr-18 | |
| | 14-Apr-18 | Dr. Amedekar Jayanti and Vaisakhi |
| | 15-Apr-18 | Sunday |
| 3 | 16-Apr-18 | |
| | 17-Apr-18 | |
| | 18-Apr-18 | Parshuram Jayanti |
| | 19-Apr-18 | |
| | 20-Apr-18 | |
| | 21-Apr-18 | |
| | 22-Apr-18 | Sunday |
| 4 | 23-Apr-18 | |
| | 24-Apr-18 | |
| | 25-Apr-18 | |
| | 26-Apr-18 | |
| | 27-Apr-18 | |
| | 28-Apr-18 | |