

**MONTHWISE SYLLABUS FOR STATISTICS - XII**

| <b>MONTH</b> | <b>CHAPTERS</b>                                                                                                                                                                                                                                                                  |
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| JUNE 2011    | <b>INDEX NUMBERS</b><br>Fixedbase Index Numbers<br>Chainbase Index Numbers<br>Conversion from FBIN to CBIN and CBIN to FBIN<br>Laspayer's, Paasche's, Fisher's Index Numbers<br>Cost of Living Index Numbers<br>Examples                                                         |
| JULY 2011    | <b>SAMPLING</b><br>Population, Sample Definition<br>Simple Random Sampling<br>Stratified Sampling Methods<br>Advantages and Limitations<br>Examples<br><b>CORRELATION CONTD.</b><br>Definition of Correlation<br>Methods of Correlation                                          |
| AUG. 2011    | <b>CORRELATION</b><br>Scatter Diagram, Karlpearson's, Spearman's Rank Correlation<br>Examples<br><b>REGRESSION CONTD.</b><br>Regression Definition<br>Methods of Regression                                                                                                      |
| SEPT. 2011   | <b>REGRESSION</b><br>Coefficient of Determinant<br>Examples<br><b>PROBABILITY CONTD.</b><br>Random Experiment<br>Union of events<br>Intersection of events                                                                                                                       |
| OCT. 2011    | <b>PROBABILITY</b><br>Mutually Exclusive Events<br>Independent Events<br>addition rule of prob.<br>multiplication rule of prob., Conditional Prob.<br>Examples<br><b>RANDOM VARIABLE AND DISCRETE PROB.DIST. CONTD.</b><br>Random Variable<br>Binomial Prob. Dist.               |
| NOV. 2011    | <b>RANDOM VARIABLE AND DISCRETE PROB.DIST.</b><br>Examples on Binomial Prob.dist.<br><b>NORMAL DISTRIBUTION</b><br>Normal Standard Variable<br>Prob. Dist and understanding. Examples                                                                                            |
| DEC. 2011    | <b>TIME SERIES</b><br>Definition of Time series<br>Importance<br>Methods. And Examples<br><b>GEOMETRIC PROGRESSION</b><br>Definition and Concepts<br>examples<br><b>INTERPOLATION AND EXTRAPOLATION</b><br>Requirements<br>Assumptions<br>Advantages and Limitations<br>Examples |