LESSON PLAN

Class - B.SC /B.A.(N.M) – 5th sem

Subject – Statistics

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|  | Topic/Chapter/Activity |
| Week 1  Index number definition  Problem involved in construction of index number  Calculation of index number  Week 2  Time and factor reversal test  Consumer price index number  Base shifting splicing and deflating of index number  Week 3  Time series definition & components  Moving average method  Analysis of seasonal fluctuations  Week 4  Construction of seasonal indices  Demographic methods  Measurement of mortality , crude death rate | |

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| Week 5  Specific death rate & standardised death rate  Life tables  Fertility rates  Week 6  Numerical methods difference tables  Newton’s formula for forward interpolation  Newton’s formula for backward interpolation  Week 7  Lagrange's method divided differences  General quadrature formula  Week 8  Trapezoidal rule  Simpson one 3rd and three- eigtth formula  Week 9  Basic of computers  Week 10  Computer arithmetic  Week 11  Number system  Week 12  Flow chart and algorithms |