Lesson Plan

Name of the Assistant/ Associate Professor Mrs.Shimpy Mohan

Class and Section: M.A ECONOMICS 2nd SEM

Subject: QUANTITATIVE METHODS-II

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| Week | Date | Topics |
| 1 | 1-Jan-18 | Index number; uses, types, limitation, problems |
| 2-Jan-18 | Index number; methods of index number only unweighted index number |
| 3-Jan-18 | index number; weighted index number. |
| 4-Jan-18 | Illustration and practical problems. |
| 5-Jan-18 | Quantity index number both |
| 6-Jan-18 | Illustration and practical problems. |
| 7-Jan-18 | Sunday |
| 2 | 8-Jan-18 | Test of index number only unweighted |
| 9-Jan-18 | Test of adequacy of index number( TRT , FRT) |
| 10-Jan-18 | Taking problems of complete chapter. |
| 11-Jan-18 | Index number II; chain base index number, base conversion, base shifting |
| 12-Jan-18 | Index number II; splicing, deflating, consumer price index. |
| 13-Jan-18 | Taking problems of complete chapter. |
| 14-Jan-18 | Sunday |
| 3 | 15-Jan-18 | Test of index number-I |
| 16-Jan-18 | Time series analysis; utility, components, methods of moving average |
| 17-Jan-18 | Methods of least square method , simple average , ratio to moving average |
| 18-Jan-18 | Illustration and practical problems. |
| 19-Jan-18 | Revision |
| 20-Jan-18 | Test of index number II |
| 21-Jan-18 | Sunday |
| 4 | 22-Jan-18 | [Vasant Panchami](http://www.officeholidays.com/countries/india/vasant_panchami.php) |
| 23-Jan-18 | Test of time series |
| 24-Jan-18 | [Sir Chotu Ram Jayanti](http://www.officeholidays.com/countries/india/haryana/2016.php) |
| 25-Jan-18 | Probability; some basic concepts , probability scale |
| 26-Jan-18 | [Republic Day](http://www.officeholidays.com/countries/india/india_republic_day.php) |
| 27-Jan-18 | Probability; addition theorem, multiplication theorem only independent |
| 28-Jan-18 | Sunday |
| 5 | 29-Jan-18 | Illustration and practical problems |
| 30-Jan-18 | Probability; multiplication theorem conditional . |
| 31-Jan-18 | Illustration and practical problems |

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| Week | Date | Topics |
| 1 | 1-Feb-18 | Use of bernoulli’s theorem |
| 2-Feb-18 | Bayes’ theorem. |
| 3-Feb-18 | Illustration and practical problems. |
| 4-Feb-18 | Sunday |
| 2 | 5-Feb-18 | Test of laws of addition. |
| 6-Feb-18 | Probability distribution; binomial distribution. |
| 7-Feb-18 | Illustration and practical problems . |
| 8-Feb-18 | Probability distribution; poisson |
| 9-Feb-18 | Probability distribution; normal |
| 10-Feb-18 | [Maharshi Dayanand Saraswati Jayanti](http://www.officeholidays.com/countries/india/haryana/2016.php) |
| 11-Feb-18 | Sunday |
| 3 | 12-Feb-18 | Taking 1st assingment |
| 13-Feb-18 | [Maha Shivratri](http://www.officeholidays.com/countries/india/maha_shivarati.php) |
| 14-Feb-18 | Taking problems of probability distribution. |
| 15-Feb-18 | Basic concepts of sampling only random sampling. |
| 16-Feb-18 | Non random sampling with difference. |
| 17-Feb-18 | Revision |
| 18-Feb-18 | Sunday |
| 4 | 19-Feb-18 | Test of multiplication theorem |
| 20-Feb-18 | Test of hypothesis ; basic concepts , large sample test only Z |
| 21-Feb-18 | Illustration and practical problems |
| 22-Feb-18 | T TEST only two types |
| 23-Feb-18 | T TEST next two types |
| 24-Feb-18 | Illustration and practical problems . |
| 25-Feb-18 | Sunday |
| 5 | 26-Feb-18 | Test of sampling and non sampling concepts. |
| 27-Feb-18 | Chi-square test |
| 28-Feb-18 | Chi-square test |

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| Week | Date | Topics |
| 1 | 1-Mar-18 | [Guru Ravidas Birthday](http://www.officeholidays.com/countries/india/guru_ravidas.php) |
| 2-Mar-18 | [Holi](http://www.officeholidays.com/countries/india/holi.php) |
| 3-Mar-18 | Test of Z Test |
| 4-Mar-18 | Sunday |
| 2 | 5-Mar-18 | F test complete |
| 6-Mar-18 | Illustration and practical problems. |
| 7-Mar-18 | Taking 2nd assignment |
| 8-Mar-18 | ANOVA Only one way |
| 9-Mar-18 | Illustration and practical problems. |
| 10-Mar-18 | Types of data ( Univariate, Bivariate, multivariate) |
| 11-Mar-18 | Sunday |
| 3 | 12-Mar-18 | Test of T Test complete. |
| 13-Mar-18 | Correlation ; utility, types, degree of correlation. |
| 14-Mar-18 | Karl pearson’s coefficient correlation. |
| 15-Mar-18 | Illustration and practical problems. |
| 16-Mar-18 | Spearman’s rank correlation method. |
| 17-Mar-18 | Taking problem of complete numerical question of correlation. |
| 18-Mar-18 | Sunday |
| 4 | 19-Mar-18 | Test of f test |
| 20-Mar-18 | Assumptitions of regression analysis |
| 21-Mar-18 | Illustration and practical problems. |
| 22-Mar-18 | Test of ANOVA |
| 23-Mar-18 | [Shaheedi Divas of Bhagat Singh, Raj guru & Sukhdev](http://www.officeholidays.com/countries/india/haryana/2016.php) |
| 24-Mar-18 | Test of types of data |
| 25-Mar-18 | Sunday/ [Ram Navami](http://www.officeholidays.com/countries/india/ram_navami.php) |
| 5 | 26-Mar-18 | Simple linear regression equation only OLS method |
| 27-Mar-18 | Illustration and practical problems. |
| 28-Mar-18 | Revision |
| 29-Mar-18 | [Mahavir Jayanti](http://www.officeholidays.com/countries/india/mahavir_jayanti.php) |
| 30-Mar-18 | Test of simple correlation. |
| 31-Mar-18 | Revision |

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| --- | --- | --- |
| Week | Date | Topics |
| 1 | 1-Apr-18 | Sunday |
| 2-Apr-18 | Test of probability multiplication theorem. |
| 3-Apr-18 | Regression equation; concept of estimator and its desirable properties. |
| 4-Apr-18 | Illustration and practical problems |
| 5-Apr-18 | Test of time series complete. |
| 6-Apr-18 | Coefficient of determination only estimation method |
| 7-Apr-18 | Illustration and practical problems. |
| 8-Apr-18 | Sunday |
| 2 | 9-Apr-18 | Test of test of hypothesis only large sample test. |
| 10-Apr-18 | Coefficient determination only exponential growth rates. |
| 11-Apr-18 | Illustration and practical problems |
| 12-Apr-18 | Revision. |
| 13-Apr-18 | Taking problem of complete chapter coefficient of determination . |
| 14-Apr-18 | [Dr Ambedkar Jayanti](http://www.officeholidays.com/countries/india/ambedkar_jayanti.php) / [Vaisakhi](http://www.officeholidays.com/countries/india/haryana/2016.php) |
| 15-Apr-18 | Sunday |
| 3 | 16-Apr-18 | Test of regression equation. |
| 17-Apr-18 | revision |
| 18-Apr-18 | [Parashurama Jayanti](http://www.officeholidays.com/countries/india/2016.php) |
| 19-Apr-18 | Test of coefficient of determination. |
| 20-Apr-18 | Revision |
| 21-Apr-18 | Revision |
| 22-Apr-18 | Sunday |
| 4 | 23-Apr-18 | Test of UNIT-I,II |
| 24-Apr-18 | Revision |
| 25-Apr-18 | Revision |
| 26-Apr-18 | Revision |
| 27-Apr-18 | Test Of UNIT-III,IV |
| 28-Apr-18 | Revision |