



## Mid Year Exams : February 2012

Please place on this sheet the contents of your course that you will be examining in your Mid Year Exam. Details are expected. Chapter numbers, section headings and the like. Please type using this template and then email the template to me using the following syntax in the Subject header of the email : Taught Subject : Class. Thus if I were sending details of Maths in 7A the subject of the email would be : "Maths : 7A". Every Class/Subject combination should have a separate email. Thus Bassem will send me about 19 emails!

Teacher : B.Kordahi

Subject : Math 12SE

- 1) Chapter 1: Measures of central tendency (continuous data , mean mode median , modal and median classes )
- 2) Chapter 2 : Measures of variability ( range , variance and standard deviation of data )
- 3) Chapter 4 : Rational functions ( variations and graph)
- 4) Chapter 9 : Logarithmic functions ( variations , graphs, limits , derivatives , primitives , equations and inequalities )
- 5) Chapter 10 : Exponential functions (variations , graphs, limits , derivatives , primitives ,equations and inequalities )
- 6) Chapter 11: Numerical Sequences : ( Arithmetic and geometric sequences , general type )
- 7) Chapter 14 : Simple interest (interests , time period , time between two dates , future value)
- 8) Chapter 15 : Compound interest (compound interest ,future value , formula , applications of logarithm-double time)
- 9) Chapter 16 : Annuity (Definition of annuity , Future value of an annuity , present value of an annuity )
- 10) Chapter 22 : Distribution in two variables (covariance , relation between two variables ,correlation coefficient )
- 11) Chapter 23 : Functions of economics and social sciences (depreciation , cost , revenue ,profit , demand and supply , elasticity of demand )