

**2<sup>nd</sup> Semester Study Guide**

These are the lessons covered through the 2<sup>nd</sup> Semester

Chapter 5: Exponential and Logarithmic Functions

- 5.1 Radicals and Rational Exponents
- 5.3 Application of Exponential Functions
- 5.4 Common and Natural Logarithmic Functions
- 5.5 Properties and Laws of Logarithms
- 5.6 Solving and Logarithmic Functions

Chapter 12: Systems and Matrices

- 12.1 Solving Systems of Equations
- 12.2 Matrices (Augmented Matrix)
- 12.3 Matrix Operations
- 12.4 Matrix Methods for Square Systems

Very Important REMARKS for studying for your SEMESTER-EXAM:

- \*\* Please refer to your **CLASS-NOTES** and **BOOK** when you study.
- \*\* Solve the **REVIEW** questions and **CHAPTER-TEST** after each chapter & the **CUMULATIVE-REVIEW**.
- \*\* Revise **ALL** your previous **TESTS** & **QUIZZES** & **H.W.** & **C.W.** to know your common mistakes.

Happy Summer Vacation to every 1

*Mr. Aly Omar El Garraya*

