CALCULUS 12 LG 14

UNIT 3 TEST

EVALUATION:

This is the Unit 3 test which will be on the expectations from LG 10-13

The test is out of 29.
There are 6 written questions.

TOPICS YOU SHOULD KNOW:

Given a function, where is it increasing, decreasing, concave up, concave down, critical points, inflection points.

Given a function, find relative maximum and minimum values.

Given a function and an interval, find absolute maximum and minimum points.

Optimization word problems.

Position, velocity and acceleration problems

Use Newton's Method to approximate zeros.

To prepare for the unit test, you could do one or all of the following:
- Re-watch the instructional videos.
- Review your notes and journal entries.
- Re-do some questions from the learning guides on the above topics.
- Complete the supplementary exercises from Chapter 5 on pages 321-322 #1, 2, 4, 5, 7-24.
- Complete the supplementary exercises from Chapter 6 on pages 374-375 #1, 3-5, 7-10.
- Complete the practice quizzes for Chapters 5 and 6 (but only the questions that deal with the above topics as we skipped sections 5.3)   You can access the practices quizzes at www.thssmath.com or click here.