MATH 13 FALL 2019 MIDTERM

Monday, November 4, 2019

Instructions.

A. Please **show your work**, unless explicitly stated that showing your work is not required. Remember that in the Math 13 course it is your reasoning and writing that is primarily evaluated. **Explain your work clearly and carefully**, as if you were explaining it to someone who does not know anything about it.

B. **All** electronic devices must be stored in a closed bag and **all wireless devices must be turned off**. In particular, it is not allowed to use **calculators of any kind**.

C. **Do problems you find easier first.** If you have spare time, check on correctness.

D. You are encouraged to use any result we proved in the lecture. If you use such a result, do **not** prove it; just quote it.

E. Smaller number of complete solutions is preferred before many unsuccessful attempts and partial solutions.

F. Please do **not** use symbols $\because$ and $\therefore$ but instead write everything in words.
Also, please do not use the notation $\nexists$ but instead write $\neg\exists$.

G. Please present your UCI Id card when turning in your work.

Student Name:

Student Id Number: