

CSC/MAT-220

Fall 2017

Final

Handout: 12/6, Due: 12/14

Name: _____

Pledge: _____

Each question topic and point value is recorded in the tables below. You may review these topics from any resource at your leisure. Once you decide to start an exam problem, you are on the clock and you must work without any external resources. Each problem can be done one at a time, but must be finished in a single sitting. Answer each question in the space provided, if you run out of room, then you may continue on the back of the page. It is your responsibility to plan out your time to ensure that you can finish all problems within the 7.0 hours allotted. All SML problems should be put in a single file titled *name_final.sml*. Use comments so that I may easily see where each problem begins and ends, and drop this file in your dropbox folder by the due date. By writing your name and signing the pledge you are stating that your work adheres to these terms and the Davidson honor code.

Scoring Table

Question	Points	Score
1	0	
Total:	0	

Topics Table

Question	Topic
1	Recurrence Relations
2	Functions
3	Cardinality and Infinity
4	Permutations
5	Probability
6	Graphs
7	Trees
8	SML Concepts: Recursion, Type Inference, Lists, benefits of functional programming.
9	SML Programming: Computing with Lists and Trees, cost analysis.

Start Time:

End Time:

1.