

CPSC 513 — Fall, 2024

Information about Final Examination

The final examination will be written from 9:00 a.m. until 11:00 a.m. on Wednesday December 11, in KNB 130.

Topics Covered and Nature of Questions

Questions will concentrate heavily on material that has been introduced in this course since the midterm test — and either introduced in lecture notes or assignment questions. In particular, material beginning with information about classifying unsolvable problems (beginning with Lecture #14, on “Oracle Computations”), and ending with Lecture #24, on “Context-Sensitive Languages”, will be emphasized. A question about earlier material — specifically, the use of many-one reductions to prove that sets are not computable, or not computably enumerable— may also be included.

Practice Problems

Material for almost every lecture has included suggested exercises for the topic of the lecture. These should be considered — along with problems on Assignments #2, #3 and #4 — if you wish to prepare for the examination by solving the kinds of problems that might be included on the test.

Aids Allowed

Students will be allowed to bring one double-sided letter-sized page of notes into this test. No other aids will be allowed.