

CSE2321-Autumn 2025

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Final Exam- knowledge topics

1. Convert language to predicate logic
2. Proof about irrationality.
3. Proof from set theory.
4. An induction problem.
5. Some formal time complexity if I give you an algorithm that takes $f(n)$ steps.
6. A question where you figure out what the function does and it's time complexity.
7. A fan favorite: The master theorem.
8. A question on Hamiltonian cycles.
9. A question on Dijkstra and topological sort.
10. A question on Fleury's algorithm.