

Student: _____

Part III Midterm

Instructions:

1/40p. In the space provided, tell about “**p573, Chomsky Hierarchy**”

2/40p. In the space provided, tell about “**p434, Turing Machine**”

3/40p. In the space provided, tell about “**p518, Non-Deterministic TM**”

4/40p. In the space provided, tell about “**p610, Church’s Thesis**”

5/40p. In the space provided, tell about “**p524, Read-Only TM**”

6/40p. In the space provided, tell about “**p552, Universal TM**”

7/40p. In the space provided, tell about “**p447, Accept, Reject, Loop**”

8/40p. In the space provided, tell about “**p535, Recursive Language**”

9/40p. In the space provided, tell about “**p574, Type 0 grammar**”

10/40p. In the space provided, tell about “**p599, Computable Function**”

Total points 400.

Answer Key (points per line)