Section One:

Task 1:

The words produced are cedar, beech, maple, and ginkgo.

Here is the progression for each entry:

- cdnrgt -> cdnrar -> cedar
- cdnsks -> cdjeejs -> beejs -> beech
- cavrgt -> cavre -> mavre -> maple
- cavskks -> cakos -> cako -> cjinkcjo -> ginkgo

Task 2:

The addition to PARTONE is qcv.

The addition to PARTTWO is bjs.

The five new words are birch, cypress, poplar, hickory, and eucalyptus.

Here is the progression for each new entry:

- cdnbjs -> cdjirjs -> birjs -> birch
- cavbjs -> cavbress -> caypress -> cypress
- qcvrgt -> qcvrar -> povrar -> poplar
- qcvskks -> qckos -> qckory -> hickory
- qcvbjs -> qcvbtus -> qcyptus -> qcalyptus -> eucalyptus

Section Two

Spelling Change Rules

us -> i o t
ian -> 0 || t *
ai -> 0
an -> 0 || [ l i | e n i ] *
ali -> u e s e
i -> 0 || [ e | u | i | a n | m ] *
oi -> 0 || c *
ian -> l es e || o *
andian -> ish
an -> ese || [ n | m ] *
netherlansi an -> dutch

NOTE: In the rule "i -> 0 || [ e | u | i | a n | m ] *", the letters e, u, i, and m can appear in any order. In addition, the i could be replaced with j.