Chp.3, Exercise I (1 pt each + 5 pts for completion)

1. Conclusion
2. Reason
3. Reason
4. Reason

Chp.3, Exercise III (5 pts for completion)

7. The sentence expresses an argument.
   1. Because
   2. Reason marker
   3. Premise: Jesse James left town, taking his gang with him.
      Conclusion: Things are a lot quieter.

      Standard form: P₁: Jesse James left town, taking his gang with him.
                      C: Things are a lot quieter.

9. The sentence expresses an argument.
   1. So
   2. Conclusion: You must hand in your exam
   3. Premise: The hour is up.

      Standard form: P₁: The hour is up.
                      C: You must hand in your exam.

(10) The sentence expresses an argument.

   1. Because
   2. Reason marker
   3. Premise: His boss was giving him so much grief.
      Conclusion: Joe quit.

      Standard form: P₁: His boss was giving him so much grief.
                      C: Joe quit.
Chp.3, Exercise IV (5 pts for completion)

(5) show: argument marker, really: assuring
(7) think: none, therefore: argument marker
(9) deny: none, anything: assuring

Chp.3, Exercise VI (2 pts each +5 pts for completion)

(1) E+
(3) E-
(5) Descriptive
(7) Descriptive
(9) E-
(11) Descriptive
(13) E-
(15) Descriptive

Chp.5, Exercise V (5 pts for completion)

(1) Invalid
(3) Valid. Soundness depends on whether “Lee can’t do anything right” is true or not.
(8) Valid and Sound
(9) Valid and Sound

Chp.5, Exercise VI (4 pts each +5 pts for completion)

(1) Valid and Sound
(2) Invalid and Unsound
(3) Valid and Unsound
(4) Valid and Sound

Ch. 13, Ex. III (5 pts for completion)

(4) a. Heat is not real. (An argument from the heap)
   P₁: 1⁰F is not hot.
   P₂: For any degree, T, if T is not hot, T+1⁰F is not hot.
   P₃: Begin the process of increasing the temperature, starting with 1⁰F, one degree at a time
   4: Whatever temperature you get by adding 1⁰F, it will not be hot by P₁ (which was not hot) and P₂
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   C: Heat is not real.
b. There is no difference between being hot and being cold (Conceptual slippery slope)

P1: 1°F is cold.
P2: For any degree, T, if T is cold, T+.5°F is cold.
P3: 100°F is hot.
P4: For any degree, T, if T is hot, T-.5°F is hot.
P5: If you add continuously add ½ degree to 1°F and subtract ½ degree from 100°F, then you will eventually meet in the middle at 50.5°F

6: By P2 and P4, you will just 50.5°F to be both hot and not hot, which is a contradiction

P7: There is no contradiction if there is no difference between being hot and being cold

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C: There is no difference between being hot and being cold.

(5) a. Taxes are never high. (An argument from the heap)

P1: 1% taxes are not high.
P2: For any percentage, P%, if P is not high, (P+1) % is not high.
P3: Begin the process of increasing taxes, starting with 1%, one percent at a time

4: Whatever tax you get by adding 1%, it will not be high by P1 (which was not high) and P2

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C: Taxes are never high.

b. There is no difference between high taxes and low taxes. (Conceptual slippery slope)

P1: 1% taxes are low.
P2: For any percentage, P%, if P% is low, (P+1/2) % is low.
P3: 90% taxes are high.
P4: For any percentage, P%, if P% is high, (P-1/2) % is high.
P5: If you add continuously add ½ percent to 1% and subtract ½ percent from 90%, then you will eventually meet in the middle at 45.5%

6: By P2 and P4, you will just 45.5% to be both high and low, which is a contradiction

P7: There is no contradiction if there is no difference between high taxes and low taxes

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C: There is no difference between high taxes and low taxes

Ch. 13, Ex. IV (2 pts each + 5 pts for completion)

(1) S
(2) F
(3) C
(4) S
(5) C
(6) F
(7) S
Ch. 14: Ex. II (5 pts for completion)

(28) Drunk Gets Nine Months in Violin Case (in a court case involving a violin vs. in a case used to store a violin)
(29) Teacher Strikes Idle Kids (‘strikes’ as a verb vs. a noun)
(30) British Left Waffles on Falkland Islands (‘waffles’ as a noun vs. ‘waffles’ as something the British Left does, i.e., “flip-flops”)
(31) Stolen Painting Found by Tree (found near a tree vs. the tree being the entity that found the painting)
(32) New Vaccine May Contain Rabies (contain as involving vs. contain as restraining or limiting)

Ch. 14: Ex. IV (5 pts for completion)

(8) Cause: A goal or principle served with dedication vs. a reason/producers of an effect or consequence

(9) Twelve: number of members in a group vs. numbers referring to age

(10) Any number: in mathematics vs. meaning many