

Exercises for Reading 5

Section 1 – Distribution of Terms

1. What is the definition of *distribution*?
2. When we say that a term is distributed, what do we mean?
3. When a term is used universally, is it distributed or undistributed?
4. When a term is used particularly, is it distributed or undistributed?
5. Why is it easy to determine whether the subject term is distributed?
6. Tell whether the subject-terms and the predicate-terms in the following statements are distributed or undistributed:
 - a. No cars are fast. S: D or UnD P: D or UnD
 - b. Some omelettes are tasty. S: D or UnD P: D or UnD
 - c. All wars are bloody. S: D or UnD P: D or UnD
 - d. Some soldiers are not brave. S: D or UnD P: D or UnD
7. True or false
 - a. T F The subject-term is distributed in statements whose quantity is universal.
 - b. T F The subject-term is undistributed in statements whose quantity is universal.
 - c. T F The subject-term in the E statement is undistributed.
 - d. T F In the negative propositions, the predicate is always taken universally.

Section 2 - Obversion, Conversion, and Contraposition

1. What phrase do we use to indicate that two statements are logically the same?
2. Give the two step method for obverting a statement.
3. Change the quality of the following statements:
 - a. All logic problems are difficult.
 - b. No logic problems are difficult.
 - c. Some logic problems are difficult.
 - d. Some logical problems are not difficult.
4. How do you negate the predicate of a statement?
5. Negate the predicate in the following statements:
 - a. All logic problems are difficult.
 - b. No logic problems are difficult.
 - c. Some logic problems are difficult.
 - d. Some logic problems are difficult.
6. Which of the four categorical statements can be obverted?
7. Can you negate a predicate-term like *large* by replacing it with *small*? If not, explain why.

f. Some men are not brave. ___Some non-brave people are men.

16. True or False

- a. T F The three ways statements can be converted into their logical equivalents are by obversion, conversion, and subalternation.
- b. T F Obversion can be performed on all four kinds of statements.
- c. T F Conversion can be performed on O statements.
- d. T F There are only two steps involved in conversion.