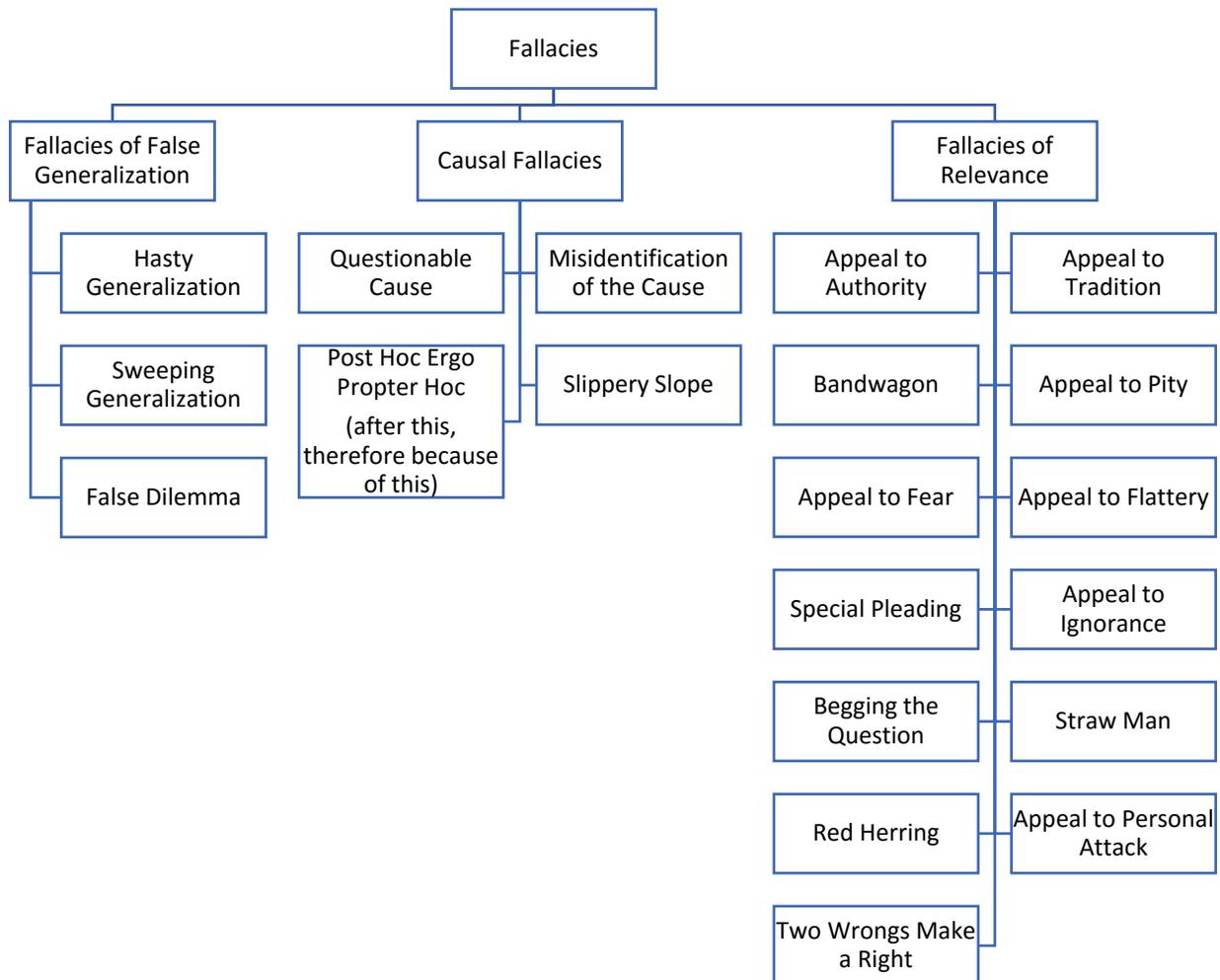
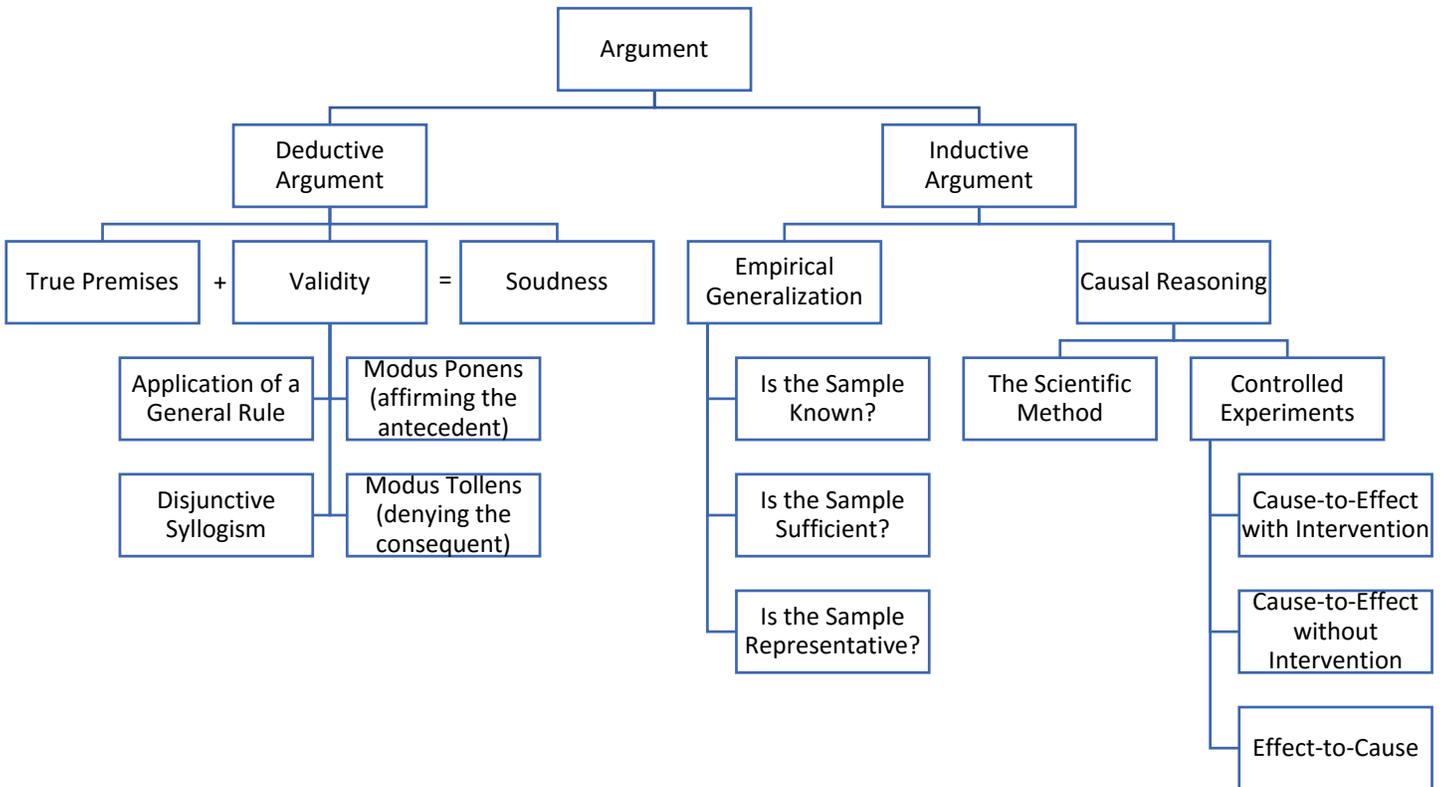


Study Guide for Chapters 10 and 11 Quiz



For the Chapters 10 and 11 Quiz, you will be asked to demonstrate the following skills:

- Define and demonstrate a thorough understanding of the key terms in Chapters 10 and 11 that are listed in the previous two concept maps. You may be asked to apply the various concepts in different ways.
- Explain the difference between inductive and deductive arguments.
- Identify whether scientific reasoning is generally inductive or deductive and explain why. (Hint: it is generally inductive.)
- Analyze various deductive arguments to determine whether they are valid and/or sound.
- Apply different forms of validity to various deductive arguments to determine their conclusions. For example, you may be given a set of premises that have the form of modus ponens and then be asked to state what conclusion should follow from those premises.
- Evaluate empirical generalizations to see if their samples are known, sufficient, and/or representative.
- Identify which forms of validity various deductive arguments fall under (i.e. application of a general rule, modus ponens, modus tollens, or disjunctive syllogism).
- Identify various fallacies (including fallacies of false generalizations, causal fallacies, and fallacies of relevance).
- Identify the different kinds of controlled experiments (i.e. cause-to-effect with intervention, cause-to-effect without intervention, or effect-to-cause).