

Sample Exam I (Chapters 1-7)

Part I: True or False

- T F 1. The purpose of the premises or premise is to set forth the reasons or evidence given in support of the conclusion.
- T F 2. The words “therefore,” “hence,” “so,” “since,” and “thus” are all conclusion indicators.
- T F 3. According to the Principle of Bivalence, every statement must have a truth-value.
- T F 4. The person usually credited with being the father of logic is Plato.
- T F 5. If a deductive argument has true premises and a false conclusion, it is necessarily valid.
- T F 6. A valid argument may have a false premise and a false conclusion.
- T F 7. A sound argument may have a false conclusion.
- T F 8. A cogent argument may have a probably false conclusion.
- T F 9. A statement may be legitimately spoken of as “valid” or “invalid.”
- T F 10. An argument may be legitimately spoken of as “true” or “false.”
- T F 11. “Which way did he go?” is an example of a proposition.
- T F 12. Propositions are made up of arguments.
- T F 13. Voir dire is a vetting process used in selecting jurors.
- T F 14. An Ad Hominem Fallacy attacks the person rather than the argument.
- T F 15. The Strawman Fallacy tries to strengthen an opponent’s argument prior to attacking it.
- T F 16. The Red Herring Fallacy attempts to lead the reader off the track to an alternate conclusion.
- T F 17. In a convergent argument, if one statement fails, the argument fails.

T F 18. In a linked argument, if one statement fails, the argument fails.

T F 19. An enthymeme is an argument that is missing a statement.

T F 20. All arguments have two premises and a conclusion.

Part II: Determine whether the following sentences are statements.

1. The *Bhagavad-Gita* is part of the *Mahabharata*.

2. Who is the author of *Beautiful Losers*?

3. I like logic classes.

4. William Hartnell was the best doctor.

5. Gasoline is expensive.

6. Why can't I afford to take classes?

7. Joe, stop drinking so much!

8. Chant Hare Krishna and be happy!

9. Bow ties are cool.

10. Pasta is delightful.

Part III: Please indicate whether the following arguments are deductive or inductive.

1. If Iginla made the goal, then the Flames won the cup

Iginla made the goal

The Flames won the cup

2. For the last 30 years, the Red Wings have won every game

The Red Wings will probably win the next game as well

3. All Senators wear the Trojan man on their jerseys

No Flames wear the Trojan man on their jerseys

No Flames are Senators