DEFINITIONS

Logic

- A study of the principle of thoughts by which one may distinguish correct from incorrect reasoning. Deductive logic argues from the general to the specific, it focuses on the correct form of an argument, deducing the validity of propositions and conclusions. Inductive logic argues from specific to the general, it focuses on (usually) empirical evidence and or information and the subsequent certainty or probability of the conclusion. Logic properly applied in conjunction by which sufficient evidence and/or information should enable one to obtain knowledge of reality truth in the given instance. (Normandy, J., editor. A comprehensive Dictionary of Philosophy New Delhi: Abhishek Pub., 2004, GSL/Ref 103 C737, Reference Section, University Library)

- From Classical Greek λόγος logos; meaning word, thought, idea, argument, account, reason, or principle) is the study of the principles and criteria of valid inference and demonstration. As a formal science, logic investigates and classifies the structure of statements and arguments, both through the study of formal systems of inference and through the study of arguments in natural language. The field of logic ranges from core topics such as the study of fallacies and paradoxes, to specialized analysis of reasoning using probability and to arguments involving causality. Logic is also commonly used today in argumentation theory. (http://en.wikipedia.org/wiki/Logic)

RELATED TERMS

- Reasoning
- Critical Thinking

BOOKS


Fronda, Earl Stanley (2005) *Reasoning for the reasonable: an introduction to logic and critical thinking* 160 F933


Domingo, Emmanuel R. (2005) *Basic logic* 160 D671

Espiritu, Daniel L. (2014) *40 arguments to avoid: short logic lessons for servant-leaders.* Fil 160 Es77


Villasoto, Herminigildo S. (2013) *Logic and critical thinking.* HS/Cir 160 V726

**JOURNAL ARTICLES**

*Periodicals Section*

**2nd Floor**

Culture and work as Human liberation and... by Fr.J.M.de Torre *Unitas* p. 357 75(3) S ’02
AUDIO-VISUAL MATERIALS

Audio-Visual Center (AVC)

2nd Floor

Using logical reasoning education [VHS]
511.3 Us85 1987

E-JOURNAL

Accessible Thru HAU Library Web Page

ProQuest Central

- Journal of Philosophical Logic

INTERNET RESOURCES

Multimedia and Internet Workstation

2nd and 3rd Floor

Critical Thinking web from University of Hongkong

The site have over 100 online tutorials on different aspects of thinking skills. They are organized into module. Their tutorials are used by universities, community colleges, and high schools across the world. The tutorials are completely free and under a Creative Commons license.

Introduction to Logic from the Faculty of Philosophy, University of Oxford
http://logic.philosophy.ox.ac.uk/main.htm [Retrieved January 26, 2015]

The site contains list of most of the terms covered in the tutorials, and links each to relevant sections of the text. Also, includes tutorials: A series of eight detailed tutorials introducing the main concepts and definitions of logic, including examples and exercises. And lastly it contains Exercises: A series of exercises and answers (also included in the tutorials) to accompany the tutorials.

Logic from Merriam Webser

The site provides comprehensive definition of logic. Including the origin of the word, examples and related texts.

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