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Logic

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) imperial 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

Circulation Section
3rd Floor

Cavender, Nancy (2014) **Logic and contemporary rhetoric.** 12th ed. GSL/Cir 160 C379 2014

Cavender, Nancy (2010) **Logic and contemporary rhetoric.** 11th ed. Cir 160 C379 2010

Copi, Irving M. (2011) **Introduction to logic.** 14th ed. Cir 160 C783 2011

Copi, Irving M. (2007) **Essentials of logic** 2nd ed. 160 C783 2007

Epstein, Ralph L. (2006) **Critical thinking** 3rd ed. 160 Ep64 2006

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

Hausman, Alan (2013) **Logic and philosophy : a modern introduction.** 12th ed. Cir 160 H376 2013

Hurley, Patrick J. (2012) **A Concise introduction to logic** 11th ed. 160 H965 2012

Hurley, Patrick J. (2008) **A Concise introduction to logic** 10th ed. 160 H965 2008

Hurley, Patrick J. (2006) **A Concise introduction to logic** 9th ed. 160 H965 2006

Munson, Ronald (2004) **The Elements of reasoning** 4th ed. 160 M969 2004

Nolt, John (2011) **Schaum's outlines logic.** 2nd ed. Rev 160 N798 2011

Salmon, Merrilee H. (2013) **Introduction to logic and critical thinking.** 6th ed. Cir 160 Sa172 2013

Santiago, Alma Salvador (2006) **Logic : the art of reasoning: college textbook in logic** 4th ed. 160 Sa235 2006

Taher, Nasreen, ed. (2006) **Critical thinking : concepts and applications.** 160 C934

Reserve Section
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Ardales, Venancio B. (2008) **Logic : towards critical thinking and reasoning.** Res 160 Ar676 2008

Filipiniana Section
2nd Floor

Articulo, Archimedes Carag (2006) **Logic : the practice of critical thinking** by 160 Ar791

Buenaflo, Lionel E. (2004) **The art of critical thinking : logic for Filipino students** 160.7 B928

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

Palmiano, Dariel A. (2010) **Logic makes sense.** Fil 160 P179

Santiago-Espartinez, Alma (2010) **Logic : the art of reasoning.** 5th ed. Fil 160 Sa235 2010

High School Library
APS Annex

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
Retrieved January 26, 2015 from <http://philosophy.hku.hk/think/>

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
Retrieved January 26, 2015 from <http://www.merriam-webster.com/dictionary/logic>

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

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