

# KEY CONCEPTS IN LOGIC



Jagiellonian University

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# LOGIC

## 1. **Logical Reasoning**

1.1 *Number series;*

1.2 *Syllogism;*

1.3 *Direction tests;*

1.4 *Logical deduction;*

1.5 *Logical problems;*

1.6 *Problem solving;*

1.7 *Statement and conclusions;*

1.8 *Statement and Assumptions;*

1.9 *Cause and effect;*

1.10 *Seating/arrangements;*

## 2. **Verbal reasoning**

## 3. **Graph/tables interpretation**

### **Keywords:**

logical reasoning, critical thinking, making the conclusions

# RECOMMENDED TEXTBOOKS

## LOGIC

1. McMunn R., *IQ and Aptitude Tests: Numerical Ability, Verbal reasoning, spatial tests, diagrammatic reasoning and problem solving tests*, How2become Ltd. 2014.
2. Cottrell S., *Critical Thinking Skills. Developing Effective Analysis and Argument*, Palgrave Macmillan, 2011
3. [https://www.assessmentday.co.uk/aptitudetests\\_logical.htm](https://www.assessmentday.co.uk/aptitudetests_logical.htm)
4. <https://www.fresherslive.com/online-test/logical-reasoning-test/questions-and-answers>
5. <https://www.khanacademy.org/test-prep/lsat/lsat-lessons/logical-reasoning-video-lessons/v/logical-reasoning--video--identify-the-conclusion--lesson>