

DEPARTMENT OF PHILOSOPHY
KURUKSHETRA UNIVERSITY KURUKSHETRA
Diploma-in-Reasoning
Scheme, Syllabus and Courses of Reading
(Effective from the Academic Session: 2015-2016)

The Scheme, Syllabus and Courses of Reading for the Diploma-in-Reasoning revised by the Board of Undergraduate Studies in the subject of Philosophy in its meeting held on 26-08-2014. The duration of the course shall be Six Months. There shall be two papers. Each paper will carry 100 marks. Total marks for the Diploma-in-Reasoning shall be 200 marks.

Scheme of Examination for Diploma-in-Reasoning

Paper No., Examination	Nomenclature of the Paper,	Max. Marks,	Time,	Month & Year of
Paper-I:	Principles of Logic	100,	03 Hours	Dec. 2015/Jan.2016
Paper-II:	Applied Reasoning	100,	03 Hours	Dec. 2015/Jan.2016

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Paper-I: Principle of Reasoning

Maximum Marks: 100
Maximum Time: 3 Hrs.

Note: Out of Five units Eight questions are to be set. Each of the Eight questions will contain at least four items of practical exercises relating to the topics contained in the unit concerned. The examinees will have to attempt any five questions. All questions will be of equal marks.

- Unit I: Definition, Nature, Meaning and Significance of Reasoning; Nature of Implication; Truth and Validity; Laws of Thoughts.
- Unit II: Nature of Proposition: Traditional Classification of Propositions; Quality, Quantity and Description of Terms; Translating Sentences into Standard Form Propositions.
- Unit III: Immediate Inference: Conversion, Obversion and Contraposition; Square of Opposition; Mediate Inference; Categorical Syllogism; Rules, Fallacies and Validity through Venn-Diagrams.
- Unit IV: Hypothesis and Scientific Method: Various Steps of Hypothesis, Proofs for Validity of Hypothesis; Kinds of Hypothesis, Hypothesis, Doctrine, Rule and Fact; Importance of Hypothesis in the Field of Sciences.
- Unit V: Fallacies in Language: Fallacy of Equivocation, Fallacy of Amphiboly, Fallacy of Accent, Fallacy of Compassion, And Fallacy of Division.

Prescribed Books:

1. B. L. Sharma, *Tarkashastra Parvesh*, Haryana Sahitya.
2. R.N. Sharma, *Tarkashastra*, Kedarnath Ramnath, Maurat.
3. Copi, Cohen, Jetli and Prabhkar, *Introduction to Logic*, Pearson Education (12th Edn.)
4. Krishna Jain, *Text Book of Logic*, Ajanta Books International, Delhi.
5. Cohen and Nagal, *Introduction to Logic & Scientific Method*, Macmillan Publishing Company, London.

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Paper-II: Applied Reasoning

Maximum Marks = 100

Maximum Time: 3 Hrs.

Note: - Out of Five units Eight questions are to be set. Each of the Eight questions will contain at least four items of practical exercises relating to the topics contained in the unit concerned. The examinees will have to attempt any five questions. All questions will be of equal marks.

- Unit-I** Practical Guidance for Solving Various Types of Exercises of Immediate And Mediate arguments; Teaching Aptitude and Research Aptitude.
- Unit-II** Force-fullness of Arguments; Discovering Implied Meaning of Propositions; Testing of Correct Deduction Based on Given Information; Discovering the Best Course of Action.
- Unit-III** Verbal Analogy (All Kinds); Classification (All Kinds); Series Completion: Number Series, Letter Series; Direction Sense Test.
- Unit-IV** Logical Venn Diagrams; Analytical Reasoning: Verbal; Coding-Decoding: Letter Coding, Number Coding, Substitutions Coding, Mixed Letter Coding Mixed Number Coding.
- Unit-V** Blood Relations; Analytical Reasoning; Non-Verbal; Cube and Dice Problem; Water Image and Mirror Image.

Books Recommended:

1. B.S. Sijwali: *Analytical Reasoning & Logical Reasoning*, Arihant Publications (India) Pvt.Ltd. Meerut.
2. Ravi Chopra: *Reasoning N' Reasoning*, Galgotia Publications Pvt. Ltd., 5 Ansari Road, New Delhi-110002.
3. Edgor Thorpe : *A Course in Mental Ability and Quantitative Aptitude*, Tata McGrawHill Company, 4/12 Asaf-Ali Road, New Delhi-110002
4. K.K. Sharma: *Verbal Reasoning for Competitions*, Krishna Prakashan Media (P) Ltd, Meerut (U.P.).
5. R.S. Aggarwal: *A Modern Approach to Verbal & Non-Verbal Reasoning*, S. Chand & Company Ltd., Ram Nagar, New Delhi.
6. Sanjay Sinha: *Test of Reasoning (Verbal & Non-Verbal)*, Jawahar Publishers, New Delhi.