

PAPER - IV L O G I C

The question paper shall be divided into TWO sections. Atleast two questions are to be attempted from each section.

SECTION - A

The following readings are prescribed from the book "Readings and Logic" by M.Copie and Gould:

UNIT-I

1. B.Russell : Aristotle's Logic
2. Hegel : Refuting the Laws of Thought

UNIT-II

3. B.Russell : A Defence of Law of Excluded Middle
4. B.Russell : The Principle of Induction

SECTION - B

The following topics are prescribed from the book "An Introduction of Logic" by M.Copie:

UNIT-III

The Value of Special Symbols - The Symbols for Conjunction, Negation and Disjunction - Conditional Statements and Material Implication.

UNIT-IV

Arguments Forms and Arguments - Statement Forms and Statements. Quantifiers.

UNIT-V

Formal Proof of Validity - Proof of Invalidity Singular Propositions - Quantification - Traditional Subject - Predicate Propositions, Rules for Derivation in Predicate Logic.

Books Recommended :

1. Copie : Symbolic Logic
2. Besson and Connor : Introduction to Symbolic Logic
3. आर. एस. मिश्रा : पाश्चात्य दर्शन राजस्थान हिन्दी ग्रन्थ अकादमी, जयपुर
4. इरपिंग एस.कापी (अनुवाद) : प्रतीकात्मक तर्कशास्त्र (संगमलाल पाण्डे)
5. संगमलाल पाण्डे : तर्कशास्त्र का परिचय