

SEMESTER-III

DS:3 (PHIDS303T: Western Logic-I)

1. Basic concepts---Propositions, Propositional form, Argument and Argument-form, Truth functional connectives, Truth and Validity. 5 Lectures
- 2 An overview of Traditional Laws of Logic, Boolean interpretation of Categorical Propositions and consequences, Syllogism, Venn Diagram 10 Lectures
3. Propositional Logic: 45 Lectures
 1. The Method of Truth Table and Truth-Tree as decision procedures:
 - a. Statement forms and Statements---Tautologous, Contradictory and Contingent by Truth Table and Truth-Tree method;
 - b Consistency by Truth Tree method;
 - c. Validity determination by Truth Table method and Truth Tree- method.
 - ii. Method of Deduction ---Construction of formal proof of validity by using 19 Rules
 - iii. Invalidity by Shorter Truth Table method.

Text:

1. M. Copi, *Introduction to Logic*
- R. Jeffery, *Formal Logic: Its Scope and Limits*

Suggested Readings:

- Ramaprasad Das and Subir Ranjan Bhattacharya, *SamsadYuktivijnana Abhidhan*
Samir Chakraborty, *Yukti Vijnaner Bhumika*
Shukla Chakraborty, *Tarka Vijnana*

MA: 3 (PHIMIN03T: Fundamentals of Logic)

1. Basic concepts: Proposition, Categorical Proposition, Quality, Quantity of categorical Propositions, argument, truth, validity 5 Lectures
2. Distribution of terms, Traditional Square of Oppositions, Conversion, Obversion and Contraposition. Categorical Proposition: Existential Import of Propositions, Boolean Interpretation of Categorical Propositions. 10 Lectures
3. Categorical syllogism: Figure, Mood, Rules for Validity, Testing the validity of arguments by Venn diagram. 20 Lectures
4. Symbolic Logic: The value of special Symbols for Conjunction, Negation, Disjunction, Implication, Equivalence, Tautology, Contradiction and Contingency. 10 Lectures
5. Truth Table: Truth-table Method for Testing Arguments. 5 Lectures
6. Inductive Logic: Mill's methods of Experimental Inquiry. 10

Recommended Text:

- I.M.Copi. *Introduction to Logic*

Suggested Readings:

Samir Kumar Chakraborti, *Tarkasastra-Bharatiya O Paschatya*

Samarendra Bhattacharya, *Snatok Darsana-1*

Phalguni Mukhapadhyaya, *Bharatiyanaya O Pascharya Yukivijana*

SEC 3 (PHIHSEC03M: Media Ethics)

What is Media Ethics, Roles and Impact of Media, Media and Democracy, Functions and Responsibilities of Media 30 Lectures

Suggested Readings

Durgadas Basu, *Media Laws and Ethics*, Wardha Publication, Mumbai, 2001 [Reprinted edition.]

Mukul Guha and Snehasis Sur [ed.]: *The Fourth Estate through Past, Present and Future*, Press Club Kolkata.

NDTV, *More News is Good News*, Harper Collins.