

SYLLABUS –I
NON PRACTICAL SUBJECT
CLASS- I YEAR PUC
DEDUCTIVE LOGIC

Subject : Logic

Subject Code : 23

Sl.No	Duration	Partitions of Logic I st PUC	Available Hours
1	First Term From 16/08/2021 Till 15/09/2021	<p style="text-align: center;">Chapter I NATURE OF LOGIC</p> <p>Introduction – Need Of Rational Thinking – Thought as a Problem Solving Process – Logic Is a Science And An Art – Logic is a Normative Science – Definitions Of Logic – Scope Of Logic – Form Of Thought And Matter Of Thought – Truth And Validity – Uses Of Logic _ Inference: Meaning – Kinds – Deductive Inference And Inductive Inference</p> <p style="text-align: center;">Chapter III JUDGEMENT, SENTENCE AND LOGICAL PROPOSITION</p> <p>Meaning of Judgement, Sentence and Logical Proposition – Difference between Sentence and Proposition – Difference between Word and Term – Subject Term, Predicate Term</p>	25
2	First Term Exam From 13/09/2021 Till 15/09/2021	Syllabus – The curriculum taught in the First Term The Exam are conducted in the same way as the Annual Exam questionnaire	
3	Assessment -1	Giving students logical thinking topics	
4	Second Term From 16/09/2021 Till 30/11/2021	Classification of terms <p style="text-align: center;">Chapter IV TRADITIONAL CLASSIFICATION OF PROPOSITIONS</p>	55

		<p>Three-Fold Classification – Categorical, Hypothetical and Disjunctive – Four-Fold Classification of Categorical Propositions – Distribution of Terms in Categorical Propositions – Euler’s Circle</p> <p style="text-align: center;">Chapter V KINDS OF DEDUCTIVE INFERENCE</p> <p>B) Mediate inference Meaning – Kinds 1. Categorical Syllogism: Structure - General Rules and fallacies of categorical syllogism.</p>	
5	Assessment -2	Giving students logical thinking topics	
6	<p>Mid term Exam</p> <p>From 20/11/2021 Till 30/11/2021</p>	Syllabus Based on The chapter taught in Term 1 & 4	
7	<p>III Session</p> <p>From 01/12/2021 Till 30/01/2022</p>	<p>Mixed syllogism meaning- Kinds – Rules And Fallacies A. Mixed Hypothetical syllogism B. Mixed Disjunctive syllogism.</p> <p>A) Immediate inference - Opposition of Proposition –Square of opposition of Proposition – Education 1) Conversion – Rules of Conversion 2) Obversion – Rules of obversion.</p>	50
8	<p>Second term Exam</p> <p>From 28/01/2022 Till 31/11/2022</p>	Syllabus chapter taught in Third term	
9	<p>IV Session</p> <p>From 01/02/2022 to Till 24/03/2022</p>	<p style="text-align: center;">Chapter II LOGIC AND LANGUAGE</p> <p>Purpose Of Language – Descriptive, Expressive, Performative, Interrogative – Relation between Logic and Language.</p>	39

		<p style="text-align: center;">Chapter VI LOGICAL DEFINITION</p> <p>Meaning – Rules of Logical Definition – Fallacies</p> <p style="text-align: center;">Chapter VII A. MODERN AND SYMBOLIC LOGIC</p> <p>Modern Classification Of Logical Propositions: Simple, Compound And General – Symbols Of Logical Proposition – Truth Table Of Conjunction. Disjunction, Implication And Negation</p> <p>B. Basic laws of thought</p> <ol style="list-style-type: none"> 1. The Law of Identity 2. The Law of Contradiction 3. The Law of excluded middle <p style="text-align: center;">Chapter VIII BASIC ELEMENTS OF INDIAN LOGIC</p> <p>Inference meaning – Kinds- Comparisons between Indian Inference (Nyaya Anumana) with Aristotelian Syllogism.</p>	
10	<p style="text-align: center;">Annual Exam</p> <p style="text-align: center;">From 24/03/2022 Till 30/03/2022</p>	Syllabus all the chapters	