

B.A. MINOR IN PHILOSOPHY UNDER FYUGP

MINOR COURSE -I

[FOR SEMESTER -I / III]

PAPER NAME: WESTERN LOGIC

PAPER CODE: PHIMIN-101

PAPER LEVEL: 101

PAPER DESCRIPTION: CONCEPTUAL AND APPLIED

PAPER CREDIT: 4

PAPER TYPE: THEORY

FULL MARKS: 75 [60+10+5]

PAPER OBJECTIVE:

1. To impart the learners basic knowledge of Traditional Logic.
2. To throw light on Aristotelian logic
3. It has both theoretical and practical value.

PAPER OUTCOME:

At the end of the course the student should be able to:

1. To understand the reasoning process well and to apply it upon arguments or decision procedures to find out the truth.
2. To be able to get knowledge about Aristotelian logic, will be able to formulate standard syllogisms out of grammatical sentences etc.
3. It helps to develop reasoning ability and an analytic outlook towards various life situations.

SYLLABUS:

UNIT - I		LECTURE & TUTORIAL
1.	Proposition, Categorical Propositions, Classes of Categorical Propositions, Quality and Quantity of Propositions.	9+3
2.	Distribution of term of Categorical Propositions.	3+1
3.	Traditional Square of Opposition of Propositions. Existential Import of Propositions.	5+2
4.	Boolean interpretation of Categorical Propositions. Translating Categorical Propositions into Standard Form.	8+3
UNIT - II		
5.	Definition and Nature of Deductive Argument. Categorical Syllogism: Figure, Mood, Testing Syllogism for Validity.	18+5
6.	Testing Arguments by Venn Diagram.	9+3
7.	Truth Functional Connectives, Truth-Table Method for testing Statement Form.	6+2
UNIT - III		
8.	Definition, Nature and Characteristics of Inductive Logic.	6+2
9.	Problems of Induction.	2+1
10.	Analogical arguments.	2+1

SUGGESTED READINGS:

1. Copi, I. M & Cohen: *Introduction to Logic*, Prentice Hall of India, New Delhi, 1996.
2. Cohen, M.R & E. Nagel: *An Introduction to Logic and Scientific Method*: Allied Publishers, New Delhi, 1972.
3. Munshi, R. C.: *Handbook of Logic*.

BENGALI VERSION:

4. Dr. Kantilal Das: *Aboroha Sanketik Yuktibijner Ruprekha*.
5. Rama Prasad Das: *Paschatya Darsan O Yuktivijan*.
6. Jagadishwar Sanyal: *Yuktivijan*.
7. Samarendra Bhattacharjee: *Paschatya Yuktivijnan*.
8. Shibani Choudhury: *Tarkavijnaner Sahaj Path*.
9. Shukla Chakroborty : *Yuktividya*.