

LOGIC AND PHILOSOPHY

SYLLABUS FOR HIGHER SECONDARY FIRST YEAR COURSE

Objective:

Philosophy enquires into the meaning and significance of life and the world. It is called a second order discipline in so far as it enquires into the foundations and presuppositions of various disciplines. Logic is a Science which deals with forms of arguments. In an extended sense it studies the methodology of deductive as well as inductive Science. Modern logic is a rapidly developing Science and it is closely related to mathematics. It does not cancel the Aristotelian logic but points out its limitations. So in the syllabus, we intend to acquaint the students with the elements of traditional logic, modern logic and scientific method. The syllabus will also acquaint students with a few essential problems of Western and Indian Philosophy.

One Paper

Time : Three hours

Marks : 100

Unitwise Distribution of Marks & Periods :

Unit	Topics	Marks	Periods
GROUP-A : LOGIC (Marks-60)			
Unit-1	Logic	10	20
Unit-2	Proposition	20	40
Unit-3	Inference, Categorical syllogism	15	30
Unit-4	Symbolic Logic	15	30
GROUP-B : PHILOSOPHY (Marks-40)			
Unit-5	Philosophy	10	15
Unit-6	Indian Philosophy	10	15
Unit-7	Theory of Knowledge, Pramanas	10	15
Unit-8	Realism and Idealism	10	15
Total :		100	180

Unitwise Distribution of Course Contents:

GROUP-A : LOGIC (Marks-60)

Unit-I : Logic :

Definition, Nature. Scope and Utility, Traditional and Modern Logic, Utility of Symbols.

Unit-2 : Proposition :

Definition, Structure. Traditional classification of Proposition according to Quality and Quantity. The four fold scheme of Proposition AEIO. Transformation of ordinary sentence into logical forms - AEIO, Distribution of Terms. Modern classification of Proposition Simple. Compound and General.

Unit-3 : Inference :

Definition, Type- Deduction and Inductive, Mediate 'and Immediate.

Categorical syllogism :

Structure, Rules. Figure. Valid-mood, Testing of syllogistic reasoning.

Unit-4 : Symbolic Logic :

Characteristics, Symbols, Use of Symbols, Constant, Variables, Truth Function. Basic Truth Function, Construction of Truth Table.

GROUP-B : PHILOSOPHY (Marks-40)

Unit-5 : Philosophy :

Its relation to Science, Epistemology, Metaphysics, Axiology.

Unit-6 : Indian Philosophy :

Its Characteristics, Classification of Indian Philosophy- Vedic and Non-Vedic.

Unit-7 : Theory of knowledge :

Rationalism and Empiricism.

Pramanas : Pratyaksa and Anumana.

Unit-8 : Realism and Idealism :

Their basic features.

Prescribed Textbook : 1. Logic and Philosophy, Published by AHSEC.
১. তর্কবিজ্ঞান আৰু দৰ্শন, Published by AHSEC.

[**Note :** The textbooks are available in Bengali Medium also]