TRIPURA BOARD OF SECONDARY EDUCATION

SYLLABUS

(effective from 2015)

SUBJECT : Philosophy

(Class – XII)

Total Page - 05

PHILOSOPHY

COURSE STRUCTURE

CLASS XII

One Paper **Time : 3 Hours** **Marks : 100 Marks**

Unit	**Title**	**Marks**
I.	Argument	08
II.	Proposition	12
III.	Opposition of Propositions	13
IV.	Immediate Inference	08
V.	Mediate Inference	12
VI.	Compound Arguments	13
VII.	Diagram of Categorical Propositions	08
VIII.	Symbolic Logic and Truth Function	08
IX.	Nature of Inductive Argument	08
X.	Cause- Its Different Meanings	10
XI.	Canons of Elimination and Mill's Inductive Methods or Experimental Methods	
XII.	Project Work	
	Total	**100**

Unit-I : Arguments (Periods 10)

i) Arguments and its different forms

ii) Deductive and Inductive Argument – Nature and distinction

iii) Validity and Truth – difference between them

Unit-II : Proposition (Periods 20)

i) Nature of Proposition, Its different parts, Characteristics of copula

ii) Distinction between proposition and Judgment, between Proposition and Grammatical sentence

iii) Classification of proposition according to (a) Relation, (b) Quality and (c) Quantity

iv) Four-fold scheme of classification of categorical propositions

v) Rules of transformation of grammatical sentences into logical proposition

vi) Distribution of term in proposition

vii) Proposition and proposition-forms

Unit-III : Opposition of Propositions (Periods 10)

i) Nature, definition and kinds of opposition of propositions

ii) Traditional square of opposition

iii) Inference by opposition of propositions

Unit-IV : Immediate Inference (Periods 10)

i) Conversion, rules of conversion

ii) Obversion, rules of obversion

iii) Contraposition (Joint application of conversion and obversion) and rules

iv) Material obversion

Unit-V : Mediate Inference (Periods 20)

i) Categorical syllogism - Definition, Characteristics and structure

ii) Role of middle term

iii) Figures of categorical syllogism

iv) Moods of categorical syllogism

v) General rules of categorical syllogism and fallacies

vi) Testing the validity of categorical syllogism

Unit-VI : Compound Argument (Periods 10)

i) Hypothetical –Categorical syllogism

ii) Disjunctive - Categorical syllogism

iii) Testing the validity of hypothetical and disjunctive syllogism

Unit-VII : Diagram of categorical propositions (Periods 10)

i) Boolean interpretation of categorical proposition

ii) Representation on Venn diagram of categorical proposition

Unit-VIII : Symbolic Logic and Truth Function (Periods 10)

i) Symbols for conjunction, Negation, Disjunction, Complication, Material Equivalence

ii) Truth value – Tautology, Self –Contradictory and Contingent

iii) Determination of truth value by truth table method

Unit-IX : Nature of Inductive Argument (Periods 20)

i) Definition of inductive argument

ii) Grounds of induction – Formal and material

iii) Marks of scientific induction – Distinction between scientific and Unscientific induction

iv) Analogical argument and different criteria for evaluating analogical argument

v) Concept of bad analogy

Unit-X : Cause – Its different meanings (Periods 12)

i) Cause as necessary condition

ii) Cause as sufficient condition

iii) Cause as necessary and sufficient condition

iv) Distinction between cause and condition

v) Doctrine of plurality of causes – evaluation of the view

Unit-XI : Causes of elimination and Mill's inductive methods (Periods 20) or Experimental Methods

i) Method of agreement – Method of difference – Joint Method – Method of concomitant variation – definition and explanation with symbolic and concrete example, Advantage and disadvantage

ii) Testing the inductive arguments by applying these methods

iii) Inductive fallacies - Bad analogy – Illicit generalization – Taking an irrelevant factor as a cause – taking co effects of the same cause as a cause of another effect – Post hoc ergo propter hoc

Unit-XII : Project Work (Periods 20)

i) Proposition

ii) Mediate inference (syllogism)

iii) Compound argument, hypothetical and disjunctive arguments

iv) Mill's methods of experimental enquiry

v) Inductive fallacies

UNIT WISE QUESTION TYPES WITH MARKS DISTRIBUTION

Unit	Title	MCQ / Objective 1 mark	SA 2 marks	LA – I 4 marks	LA – II 6 marks	Total marks
I	Argument	1	-	-	-	01
II	Proposition	2	1	1	-	08
III	Opposition of Proposition	1	1	1	1	13
IV	Immediate Inference	2	1	1	-	08
V	Mediate Inference	3	1	1	2	21
VI	Compound Arguments	1	1	-	-	03
VII	Diagram of Categorical Propositions	1	1	-	-	03
VIII	Symbolic Logic and Truth Function	1	1	-	-	03
IX	Nature of Inductive Argument	2	1	1	-	08
X	Cause- Its Different Meanings	1	-	1	-	05
XI	Concept of Elimination and Mill's Inductive Methods or Experimental Methods	3	1	-	2	17
XII	Project : File – 02 Written - 06 Viva - 02					10
Total Number of Questions		6+12=18	09	06	05	
Total marks						100

Word limit – Marks -1 In one complete sentence
Marks -2 Within 40 words
Marks -4 Within 100 words
Marks -6 Within 150 words

N.B.: - 1) Internal choice: There is no overall choice in the paper. However, there is an internal choice of two(02) question of 4 marks weightage and two (02) questions of 6 marks weightage.

2) In SA, LA – I and LA – II types, total allotted marks in each may be sub-divided, if necessary.

3) Questions should be set covering each unit.