

TRIPURA BOARD OF SECONDARY EDUCATION

SYLLABUS

(effective from 2015)

SUBJECT : Philosophy

(Class – XII)

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.