

# BAMANPUKUR HUMAYUN KABIR MAHAVIDYALAYA

DEPARTMENT OF PHILOSOPHY

ACADEMIC CALENDAR FOR 2022-23 (JULY TO DECEMBER SESSION)

SEMESTER -I (General)

PAPER CODE: PHIHGEC01T/ PHIGCOR01T PAPER NAME: WESTERN LOGIC

CREDIT: 75 TEACHER IN CHARGE- Omar Khaiyam Ahamed FULL MARKS: 75 (Internal -25 End Sem - 50)

## Learning Outcomes of the Paper

Students first learn the introductory topics –

1. Basic concepts: Proposition, Categorical Proposition, Quality, Quantity of categorical Propositions, argument, truth, validity.  
Students can understand the details of -
2. Distribution of terms, Traditional Square of Oppositions; conversion, obversion and contraposition. Categorical Proposition: Existential Import of propositions, Boolean Interpretation of Categorical propositions.
3. Categorical syllogism: Figure, Mood, Rules for Validity, Testing the validity of arguments by Venn diagram.
4. Symbolic Logic: The value of special symbols for conjunction, Negation, disjunction, implication, equivalence, tautology, contradiction and contingency.
5. Truth Table: Truth-table Method for testing arguments.5 vi. Inductive Logic: Mill's methods of experimental inquiry.

## Cocurricular Activities

Activities	Date
Induction Programme on Academic Calendar& Syllabus	23.08.2022
Induction Programme on Examination	26.08.2022
Library Day	07.09.2022
Quiz, Debate, Extempore	14.09.2022
Seminar	23.09.2022
Wall Magazine	2.11.2022
Other (if any)	

\*\*\*All dates for the events to be organized by the Department are tentative and subject to change

## Unit wise distribution of the syllabus

Unit/Chapter	Classes required	Starting date	Closing date	Assessment date (if any)
1..Basic concepts: Proposition, Categorical Proposition, Quality, Quantity of categorical Propositions, argument, truth, validity. Distribution	20	As per routine	As per routine	

## Suggested Books

1. I.M.Copi, *Introduction to Logic*.
2. PhalguniMukhapadhyaya, *Bharatiyananyaya O PaschatyaYuktivijnana*.
3. Samarendra Bhattacharya, *Snatak Darsana I*.
4. Samir Kumar Chakraborti, *Tarkasastra- Bharatiya O Paschatya*.

of terms, Traditional Square of Oppositions: conversion, obversion and contraposition ii. Categorical Proposition					
iii. Categorical syllogism	25	Same as above	Same as above		
iv. Symbolic Logic	15	Same as above	Same as above		
v. Truth Table vi. Inductive logic : Mill's methods	15	Same as above	Same as above		
Examination Pattern					
Examination	Question Pattern and Full Marks	Mode of Examination (Assignment/Class test/ Viva/Student Seminar etc.)		Date	
Internal	50	Assignment		As per philosophy department committee resolution	
End-Sem		University Exam		As per WBSU notification	

Signature of the Teacher