



K24P 4015

Reg. No. :

Name :

I Semester M.A. Degree (C.B.S.S. – Supplementary)
Examination, October 2024
(2021 and 2022 Admissions)
PHILOSOPHY
PHI1C01 : Logic and Scientific Method

Time : 3 Hours

Max. Marks : 60

PART – A

Answer **any one** question. Answers should **not** exceed **800** words. **Each** answer carries **15** marks.

1. Elucidate the different types of Dilemmas and bring out the methods of meeting a Dilemma.
2. Explain the relation between Categorical propositions by means of the traditional Square of Opposition. **(1×15=15)**

PART – B

Answer **any three** questions. Answers should **not** exceed **400** words. **Each** answer carries **10** marks.

3. Define syllogism and distinguish between pure and mixed syllogism.
4. What is meant by analogy ? Discuss the rules or conditions of a sound analogy.
5. Distinguish between deduction and induction with suitable examples.
6. Define Categorical propositions and give an account of its classifications.
7. Differentiate between obversion and conversion. **(3×10=30)**

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PART – C

Answer **any three** questions. Answers should **not** exceed **200** words. **Each** answer carries **5** marks.

8. Define hypothesis and bring out its significance.
9. Examine the relationship between truth and validity.
10. Elucidate the fallacies of ambiguity.
11. Find out the fallacy of the following syllogisms :
 - a) *All truly religious people are philosophers*
Hari is a philosopher
Therefore, Hari is a truly religious man.
 - b) *Light is essential to guide our steps*
Lead is not essential to guide our steps
Therefore, Lead is not a light.
12. Make conversion, obversion and contraposition of the following propositions :
 - a) *No actors are honest*
 - b) *All girls are dancers.*

(3×5=15)