Reg. No. : ....

Name : ....

I Semester M.A. Degree (CBSS-Reg./Sup./Imp.) Examination, October 2022
(2019 Admission Onwards)
PHILOSOPHY
PHI 1C01 : 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. Bring out the relation of opposition between categorical propositions by means of the traditional square of opposition.

2. Define dilemma and explain the different methods of meeting a dilemma.

(1×15=15)

PART – B

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

3. Distinguish between deduction and induction with suitable examples.

4. Describe the rules of distribution of terms in categorical proposition.

5. What is meant by Existential import ? Explain.

6. Distinguish between hypothetical and disjunctive syllogism.

7. Define analogy and explain the rules and conditions of a sound analogy. (3×10=30)

P.T.O.

PART – C

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

8. Describe the features of an argument.

9. Distinguish between quantity and quality of a proposition.

10. Give converse, obverse and contraposition of following proposition.
    a) All girls play hockey.
    b) All cows eat grass.

11. Distinguish between Modus ponens and Modus tollens.

12. Give a brief account of hypothesis.

(3×5=15)

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