K23U 1926

Reg. No. : .....

Name : .....

II Semester B.A. Degree (CBCSS – OBE – Regular/Supplementary/ Improvement) Examination, April 2023
(2019 Admission Onwards)
CORE COURSE IN PHILOSOPHY
2B02 PHI : Traditional Logic

Time : 3 Hours Max. Marks : 40

PART – A
(Short Answer)

Answer **all** questions. **Each** question carries **1** mark.

1. State two definitions of logic.
2. Define an argument.
3. State the distribution rule of the O proposition.
4. Distinguish between a deductive and inductive argument.
5. What is the existential fallacy ?
6. Identify the type of categorical proposition : None of the athletes are vegetarians. **(6×1=6)**

PART – B
(Short Essay)

Answer **any six** questions. **Each** answer carries **2** marks.

7. Distinguish between mediate and immediate inference.
8. Give two premise indicators and conclusion indicators.
9. What is enumerative induction ?
10. Define a dilemma.

P.T.O.

K23U 1926

11. Identify the major term, minor term and middle term in the following argument :
    All mammals have lungs
    All whales are mammals
    Therefore, all whales have lungs.
12. Explain the fallacy of illicit major with an example.
13. What is the problem of induction ?
14. Name the four types of dilemmas. **(6×2=12)**

PART – C
(Essay)

Answer **any four** questions. **Each** answer carries **3** marks.

15. Represent the categorical propositions diagrammatically using the Euler's circles.
16. Explain the postulates of induction.
17. Explain the distribution of terms in the A, E, I and O propositions.
18. Distinguish between truth and validity with suitable examples.
19. Describe the methods of meeting a dilemma.
20. Explain the moods and figures of a categorical syllogism. **(4×3=12)**

PART – D
(Long Essay)

Answer **any two** questions. **Each** question carries **5** marks.

21. Give the rules of categorical syllogism and examine the fallacies resulting from the violation of these rules.
22. Analyze a disjunction syllogism and bring out the kinds of disjunctive syllogisms. Explain its rules and fallacies.
23. Explain the rules and fallacies of modus Ponens and Modus Tollens.
24. Diagrammatically represent the traditional square of opposition and explain the immediate inferences that can be drawn from it. **(2×5=10)**

———————