



K22U 1226

Reg. No. : .....

Name : .....

**II Semester B.A. Degree (C.B.C.S.S. – O.B.E. – Regular/  
Supplementary/Improvement) Examination, April 2022  
(2019 Admission Onwards)  
CORE COURSE IN PHILOSOPHY  
2B02PHI : Traditional Logic**

Time : 3 Hours

Max. Marks : 40

**PART – A  
(Short Answer)**

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

1. Define syllogism.
2. Define Inductive Reasoning.
3. What is the peculiarity of pure hypothetical syllogism ?
4. Explain the scope of Logic.
5. Draw Euler's Circle for 'E' proposition.
6. Define the main features of mediate inference. (6×1=6)

**PART – B  
(Short Essay)**

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

7. Elucidate the features of Dilemma.
8. Define Modus Ponens. Give an example.
9. Write a short note on argument.
10. Explain immediate inference. Give an example.
11. Differentiate between contradictory and contrary proposition in square of opposition.

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12. Identify the fallacy in the given argument.  
Food is indispensable to life.  
Plantain is food  
∴ Plantain is indispensable to life.
13. Define categorical proposition.
14. Show with example how the fallacy of illicit major occurs in a syllogism. (6×2=12)

**PART – C  
(Essay)**

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

15. Explain distribution of terms in categorical proposition.
16. Briefly explain the problem of induction.
17. Give the diagrammatic representation of the traditional classification of propositions.
18. Briefly explain the rules and fallacies of disjunctive syllogism.
19. What are the stages of scientific induction ?
20. Differentiate between deduction and induction in traditional logic. (4×3=12)

**PART – D  
(Long Essay)**

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

21. What are the four types of dilemma and explain the method of meeting dilemma ?
22. List out the rules of categorical syllogism and examine whether the given syllogism is valid or not. if invalid find the fallacy.  
All men are selfish  
No apes are men  
∴ No apes are selfish.
23. Explain the traditional classification of proposition, and the types of categorical proposition.
24. Briefly explain the different types of conditional syllogisms. (2×5=10)