

Reg. No. :

Name :

Third Semester B.A. Degree Examination, March 2022

First Degree Programme under CBCSS

Philosophy

Core Course

PL 1341 : DEDUCTIVE LOGIC

(2017-2018 Admission)

Time : 3 Hours

Max. Marks : 80

PART – A

Answer **all** questions in one word or sentence. Each question carries **1** mark.

1. What is meant by a Categorical Proposition?
2. Define Logic.
3. Distinguish between word and term.
4. State law of Identity.
5. Give two examples to collective term.
6. Differentiate Connotation from Denotation.
7. Describe Distribution of terms.
8. Give an account of immediate inference.

P.T.O.

9. Write a note on conversion.
10. Explain Singular proposition.

(10 × 1 = 10 Marks)

PART – B

Answer **any eight** questions in a paragraph each. Each question carries **2** marks.

11. Write a note on the nature and scope of Logic.
12. Explain the quantity and quality of a proposition.
13. Explicate Abstract and Concrete terms.
14. Explain briefly the structure of a categorical proposition.
15. State and explain the Law of Non-contradiction.
16. Elucidate Distribution of terms.
17. Give examples for AEIO propositions.
18. Explain Categorical Syllogism.
19. Identify the quality of the following propositions:
 - (a) All cats are mammals.
 - (b) Some politicians are liars
 - (c) Elephants are not rhinos
20. What is meant by Opposition in logic?
21. Write a note on Contraposition.
22. Demonstrate the rules of Disjunctive Syllogism.

(8 × 2 = 16 Marks)

PART – C

Answer **any six** questions in about **120** words each. Each question carries **4** marks.

23. Explore the relation between Logic and Ethics.
24. Distinguish between Positive and Negative terms.
25. Explicate the Connotation and Denotation of terms.
26. Briefly explain Mixed Hypothetical Syllogism.
27. What is meant by a proposition? How is it different from a sentence?
28. Explicate I and O propositions.
29. Elucidate Contradictory relation with example.
30. Discuss the figures of Categorical Syllogism.
31. Explain the rules of Hypothetical Syllogism.

(6 × 4 = 24 Marks)

PART – D

Answer **any two** questions in about **600** words each. Each question carries **15** marks.

32. Define Term. Discuss the Classification of terms.
33. Discuss in detail the MOODS of Categorical syllogism.
34. Explain different types of Dilemma.
35. Distinguish between Pure and Mixed syllogisms.

(2 × 15 = 30 Marks)