

Reg. No. :

Name :

Third Semester B.A. Degree Examination, March 2022

First Degree Programme under CBCSS

Philosophy

Core Course

PL 1341 : DEDUCTIVE LOGIC

(2019 & 2020 Admission)

Time : 3 Hours

Max. Marks : 80

SECTION – A

Very short answer type questions. (**one** word to maximum **two** sentences)

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

1. Demonstrate Law of Non contradiction.
2. Define logic.
3. Define term.
4. Explain mediate inference.
5. Explain Hypothetical syllogism.
6. Examine abstract term
7. Explain Connotation.

P.T.O.

8. A categorical syllogism contains _____ terms.
9. Define mood.
10. _____ term is distributed in 'A' proposition.

(10 × 1 = 10 Marks)

SECTION – B

Short answer questions. (Not to exceed **one** paragraph)
Answer any **eight** questions. Each question carries **2** marks

11. What is meant by fallacy?
12. Bring out the distinction between a Term from a word.
13. Explain briefly AEIO propositions.
14. Give an account of Denotation.
15. Write a note on Conditional Proposition.
16. Differentiate between Sentence and proposition.
17. Briefly explain Dilemma.
18. Explain fallacy of four terms.
19. Give an example of Conversion.
20. Write a note on Universal Affirmative proposition.
21. Explain obversion.
22. Explain briefly the relation between Logic and Psychology.
23. Define Figure.
24. Describe Pure Hypothetical syllogism.

25. Elucidate the quality and quantity of proposition.
26. Explain the obverse of 'A' proposition.

(8 × 2 = 16 Marks)

SECTION – C

Short essay questions. (Not to exceed **120** words)

Answer any **six** questions. Each question carries **4** marks

27. Describe the nature and scope of logic.
28. Demonstrate Contraposition.
29. Explicate the distribution of terms.
30. Elucidate the fallacy of illicit minor with example.
31. Relation between logic and ethics.
32. Bring out the distribution between Deduction and Induction.
33. Write a short essay on Truth and Validity.
34. Explain the classification of Syllogisms.
35. Describe Immediate inference.
36. Briefly explain the relation of subcontrary.
37. Discuss the rules of Hypothetical Syllogism.
38. Give an account of Euler's circle.

(6 × 4 = 24 Marks)

SECTION – D

Long essay questions. Answer any **two** questions. Each question carries **15** marks

39. Write an essay on laws of thought.
40. Write an essay on square of opposition.
41. Define term. Explain classification of terms with examples.

42. Demonstrate the rules and fallacies of Categorical Syllogism.
43. Explicate in Figures and Moods Categorical Syllogism.
44. State and explain types of Dilemma.

(2 × 15 = 30 Marks)

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