QP CODE

G1009

Enrollment Number: ……

Name: ……

B.A DEGREE EXAMINATIONS, JUNE 2026
Sixth Semester
B.A Philosophy
B21PH06DC – Logic and Critical Thinking
(2023 January Admissions)

Time: 3 Hours **Max Marks: 70**

Section A

Answer any ten of the following questions in a word or sentence each. Each question carries 1 mark.

1. An error in reasoning is called _____ .
2. In "All men are mortal," which term is the predicate?
3. What is the term that appears both in the premises and not in the conclusion?
4. What is the name of Frege's symbolic system?
5. Reflective thinking requires looking for_____.
6. What aspect of a person's overall_____ is influenced by the halo effect?
7. Who said: "Man is the measure of all things"?
8. Who is regarded as the father of logic?
9. What is the main cause of epistemic bubbles in digital platforms?
10. Who is the author of Nyaya Shastra?
11. Establishing credibility through reputation and integrity is_____.
12. Which idea does Deconstruction question in texts?
13. The study of the meaning of symbols in logic is called _____.
14. Who coined the term 'post-truth'?
15. Write the symbol of 'disjunction'.

(1X10=10)

Section B

Answer any ten of the following questions in two or three sentences each. Each question carries 2 marks.

16. Define denotative terms.
17. What is the first-step in a problem-solving process?
18. What is escaping between the horns of a dilemma? Discuss.

19. State any two purposes of symbolization in logic.
20. Give any two characteristics of post-truth.
21. Enumerate any two components of critical thinking according to the Watson-Glaser test.
22. Justify why knowledge is more certain than opinion according to Plato.
23. What are the 'terms' in a categorical syllogism?
24. What happens to an argument in a Straw Man fallacy?
25. How are categorical propositions classified according to Quality?
26. Outline the importance of clarity in avoiding misunderstanding.
27. Distinguish between simple and compound statements.
28. Why are echo chambers considered harmful?
29. When does the fallacy of illicit major occur?
30. Why is logic called a formal science?

(2X10=20)

Section C

Answer any five of the following questions in a paragraph each. Each question carries 4 marks.

31. Discuss how advertisements use persuasion to influence consumers.
32. Elaborate on the rules of a valid disjunctive syllogism.
33. Explain why different theories of truth give different meanings to truth.
34. Analyze the role of Vyapti in Nyaya inference.
35. Distinguish between deductive and inductive arguments.
36. Examine conjunction and its truth condition.
37. Evaluate how media literacy can reduce the impact of information disorder.
38. Assess the skill of evaluation in critical thinking.
39. Outline how terms become distributed or undistributed in categorical propositions.
40. State the different types of ad hominem fallacy with suitable examples.

(4X5=20)

Section D

Answer any two of the following questions in two pages each. Each question carries 10 marks.

41. Explain the nature and scope of logic.
42. Critically assess the characteristics of the figures of a valid syllogism.
43. Evaluate the different types of Hetvabhasas in Nyaya philosophy.
44. Construct truth tables for the following:

    i. $(P \land Q) \rightarrow (P \lor Q)$

    ii. $(P \lor (Q \land R)) \rightarrow ((P \lor Q) \land (P \lor R))$

(10X2=20)