

Reg. No. :

Name :

Fourth Semester B. A Degree Examination, July 2019

(First Degree Programme Under CBCSS)

Philosophy

Core Course- IV

PL 1441- INDUCTION AND SCIENTIFIC METHOD

(2014 –2016 Admission)

Time : 3 Hours

Max. Marks : 80

SECTION – A

Answer **all** questions in **one** word or to a maximum of **two** sentences. **Each** question carries **1** mark.

1. Facts
2. Formal cause
3. Theory
4. Mal observation
5. Material truth
6. Barren hypothesis
7. Inductive leap

P.T.O.

8. Analogy
9. Simple enumeration
10. Scientific induction

(10 × 1 = 10 Marks)

SECTION – B

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

11. Discuss the concept of rival hypothesis.
12. What is causality? Explain.
13. Explain enumerative induction.
14. Elucidate the law of unity of nature.
15. Write a note on experiment.
16. What are the grounds of inductive reasoning?
17. What is a remote cause?
18. Give the meaning of traditional definition of cause.
19. Write a note on observation.
20. What are the conditions of a valid hypothesis?
21. Write a note on formal truth.
22. Discuss Mill's method of residue.

(8 × 2 = 16 Marks)

SECTION – C

Answer any **six** questions, in 120 words (short essay). **Each** question carries **4** marks.

23. What are the rules of a sound analogy?
24. Write a short note on plurality of causes.
25. Distinguish between complete and simple enumeration.
26. Distinguish between perfect induction and imperfect induction.
27. Explain the difference between observation and experiment.
28. Elucidate Mill's method of concomitant variation.
29. What is meant by hypothesis?
30. Explain the characteristics of method of intuition.
31. What are the requirements of scientific method?

(6 × 4 = 24 Marks)

SECTION – D

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

32. Explain the nature and kinds of induction.
33. Elucidate the different steps of a scientific induction.
34. Define hypothesis and what are the requirements of a good hypothesis? Explain.
35. Give an account of valid analogical argument.

(2 × 15 = 30 Marks)