



Reg. No. :

Name :

Fourth Semester B.A. (Philosophy) Degree Examination, July 2018
First Degree Programme Under CBCSS
Core Course : PL 1441 INDUCTION AND SCIENTIFIC METHOD
(2013 Admission)

Duration : 3 Hours

Max. Marks : 80

SECTION – A

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

1. Logic.
2. Analogy.
3. Postulates.
4. Consequent.
5. False cause.
6. Explanation.
7. Hypothesis.
8. Non observation.
9. Circumstantial evidence.
10. Theory.

(10×1=10 Marks)

P.T.O.



SECTION – B

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

11. Inference.
12. Metaphorical analogy.
13. Observation.
14. Barren hypothesis.
15. The singularity of causes.
16. Crucial experiment.
17. Causal law.
18. Probability.
19. Perfect induction.
20. Scientific explanation.
21. Enumerative induction.
22. Fallacies of observation.

(8×2=16 Marks)

SECTION – C

Answer **any six** questions. **Each** carries **four** marks.

(6×4=24 Marks)

23. Examine Mill's definition of causation.
24. Explain the postulations of induction.
25. What are the two kinds of inferences ?



26. State the difference between proper and improper induction.
27. What are the advantages of experiment over observation ?
28. Explain the conditions of valid hypothesis.
29. Explain the inductive generalization.
30. Explain the law of universal causation.
31. State the nature of theory and proof.

SECTION – D

Answer **any two** questions. **Each** carries **fifteen** marks.

32. Write an essay on Mill's method of induction.
 33. Explain the role of hypothesis in scientific enquiry.
 34. Explain different kinds of induction.
 35. Bring out the difference between experiment and observation. **(15×2=30 Marks)**
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