Reg. No. : ....

Name : ....

Fourth Semester B.A. Degree Examination, July 2019

First Degree Programme under CBCSS

Philosophy

PL 1441 : INDUCTION AND SCIENTIFIC METHOD

(2013 Admn)

Time : 3 Hours   Max. Marks : 80

SECTION – A

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

1. Analogy

2. Observation

3. Experiment

4. Proof

5. Cause

6. Verification

7. Concrete Example

8. hypothesis

9. Induction

10. Residue

(10 × 1 = 10 Marks)

SECTION – B

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

11. Types of Induction

12. Enumerative Induction

13. Grounds of Inductive Reasoning

14. Fallacy

15. Fallacy of non-observation

16. Deduction

17. Mal Observation

18. Cause as Sufficient Condition

19. Law of Uniformity of Nature

20. Concrete Example

21. Reasoning

22. Hypothesis and Proof

(8 × 2 = 16 Marks)

SECTION – C

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

23. Illustrate the 'Inductive Reasoning'.

24. Differentiate between Observation and Experiment.

25. Explain how a Hypothesis is formed.

26. Examine the nature of a good hypothesis.

27. Examine different approaches to the notion of Cause.

28. Differentiate Remote and Proximate Causes.

29. Distinguish between deduction and reduction.

30. What is a Primary Analogue?

31. Briefly explain the method of concomitant variation.

(6 × 4 = 24 Marks)

SECTION – D

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

32. Discuss in detail the problem of Induction.

33. Explain in detail the Verification of Hypothesis.

34. Elucidate the importance of 'plurality of Causes'.

35. Explain Mill's methods of experimental enquiry.

(2 × 15 = 30 Marks)

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