(Pages : 2)

E – 3320

Fourth Semester B.A. (Philosophy) Degree Examination, July 2018
First Degree Programme Under CBCSS
Core Course : PL – 1441 : INDUCTION AND SCIENTIFIC METHOD
(2014 Admission Onwards)

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. Observation.

2. Method of authority.

3. Uniformity of nature.

4. Perfect induction.

5. Theory.

6. Barren hypothesis.

7. Post hoc ergo proper hoc.

8. Material cause.

9. Use of analogy.

10. Mill's view of cause.

(10×1=10 Marks)

SECTION – B

Answer **any 8** questions in a paragraph each. Each question carries **2** marks.

11. Discuss the nature of sound analogy.

12. Explain Mill's view of scientific method.

13. Discuss the nature of mal observation.

14. Give an account of inductive leap.

15. Discuss the nature of colligation of facts.

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16. Explain the term hypothesis.

17. Discuss the method of residue.

18. Explain Aristotle's view of four causes.

19. What is meant by disanalogy ?

20. Write a note on scientific explanation.

21. Bringout the significance of observation of facts.

22. Give an account of method of intuition.   (8×2=16 Marks)

SECTION – C

Answer **any 6** questions in **120** words **each. Each** question carries **4** marks.

23. State Aristotle view of induction.

24. Write a note of necessary condition.

25. Discuss Mill's method of concomitant variation.

26. Explain the process of testing a hypothesis.

27. Explain the nature of proper induction.

28. Write a note on the nature of science.

29. Distinguish between analogy and scientific induction.

30. State the fallacy of non observation.

31. Bringout the features of reflective enquiry.   (6×4=24 Marks)

SECTION – D

Answer **any 2** questions in about **600** words **each. Each** question carries **15** marks.

32. Elucidate Mill's view of method of difference.

33. Give an account of the stages in scientific induction.

34. Bringout the difference between opinion and scientific method.

35. Give an account of analogical reasoning.   (15×2=30 Marks)