

PHILOSOPHY OF SCIENCE

SECTION – A

Answer any Four choosing ONE from each Group

4X10=40

1. A) What is scientific Method? Discuss its Nature

Or

B) Discuss role of Observation and Experiment in induction.

2. A) Explain Stages in Scientific Investigation - Observation

Or

B) Discuss the structure of the proofs and Illustrate and function of Proof.

3. A) What is Deduction? Discuss its method

Or

B) Discuss Mill's Experimental Methods

4. A) Explain briefly that Method in Social Sciences - Historical Method

Or

B) Theory and Falsifiability

Section-B

Answer Any Five of the following

5x2 = 10M

1. Conditions of Good Hypothesis

2. Ethical Standards

3. Principle Forms

4. Types of Analogy

5. Field Investigation method

6. Professional Identity

7. Verification of Proofs

8. Quantitative Methods