

SECTION 'B'**(Short Answer Questions)****(Marks: 40)**

Note: Answer any **Eight** part questions from this Section. All questions carry equal marks.

Q.2 (i) What are Axioms?

(ii) Explain Analysis.

(iii) Give the fractional representation of the value of Analogy.

(iv) Give any two limits of classification.

(v) Give any two uses of Hypothesis.

(vi) Give any one example of Good Analogy.

(vii) Define Scientific Explanation.

(viii) Give any one fallacy of Causation.

(ix) Define Party of Reasoning.

(x) What are Laws of Nature?

(xi) Define Experiment.

(xii) Give any one limit of Scientific Explanation.

SECTION 'C'**(Detailed Answer Questions)****(Marks: 20)**

Note: Answer any **Two** questions. All questions carry equal marks.

Q.3 Define Scientific Induction and give the general characteristics of scientific induction.

Q.4 Explain the advantages of Experiment over Observation.

Q.5 Explain the Plurality of Causes.

Q.6 Differentiate between Popular Explanation and Scientific Explanation.

