

**SECTION "B" (Short-Answer Questions) (Marks 30)**

**Note:** Answer any Six part questions. All questions carry equal marks.

- Q.2(i) What is Inductive Leap?
- (ii) What is Mill's view of causation?
- (iii) Give any two advantages of Hypothesis.
- (iv) What are Primary Laws?
- (v) What is Concatenation?
- (vi) Give any two limits of Classification.
- (vii) Give any two limits of scientific Explanation.
- (viii) Give any one example of Good Analogy.
- (ix) Define Scientific Induction.
- (x) What are the Laws of Nature?      (xi) Define Analogy.
- (xii) Give any one difference of Classification and Division.

**SECTION "C" (Detailed-Answer Questions) (Marks 20)**

**Note:** Attempt any Two of the following questions. All questions carry equal marks.

- Q.3 Describe the general characteristics of Scientific Induction.
- Q.4 What are the formal grounds of Induction? Explain any one with detail.
- Q.5 What are the advantages of Observation over experiment?
- Q.6 Explain Perfect Induction.
- Q.7 Define Scientific Explanation and Describe its kinds.

