Bago University
Department of Philosophy
First Semester Examination, March 2019

Second Year
(Philosophy Specialization)

Phil 2102
Inductive Logic -I
Time Allowed: (3) Hours

Answer FIVE questions.

1. Choose correct words, fill in the blanks and rewrite the followings.

(a) According to the traditional logicians, Induction is an inference from some particular observed facts to a ---------- conclusion. (critical, analytical, general)

(b) The inductive premises are ----------. (individual, particular, instantial)

(c) The inductive conclusion is a ---------- conclusion. (observed, probable, certain)

(d) Scientific observation is usually guided by a ----------. (theory, practice, hypothesis)

(e) Experimental observation is the observation of facts under ---------- conditions.
(determined, controlled, natural)

(f) Induction by analogy is closer to scientific induction than to ----------.
(Simple Enumeration, Scientific induction, Perfect induction)

(g) Non- Experimental is the observation of phenomena under --------- conditions.
(natural, supernatural, practical)

(h) Simple Enumeration is ---------- induction because it meets all the four basic requirements of the inductive criterion. (perfect, proper, improper)

2. Discuss the nature of induction accepted by traditional logicians.

3. Write your own opinion concerning the law of causation.

4. Fully explain the condition of scientific hypothesis.

5. Discuss the Parity of Reasoning.

6. Briefly explain the five kinds of induction.

7. Write notes any <u>one</u> of the following.

(a) Explain the conditions of Scientific Observation.

(b) How many kinds of step in scientific Induction? Explain.

(c) The Weakness of Simple Enumeration. Discuss.

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