

UNIVERSITY OF TORONTO
FACULTY OF APPLIED SCIENCE AND ENGINEERING

FINAL EXAMINATION, APRIL 2000

First Year – Programme: Engineering Science

PHL 193 S – PHILOSOPHY AND SOCIAL ISSUES

Exam Type: A

Examiner – Fred Wilson

Aids allowed: dictionary

2 ½ hours.

Answer both parts. Each part worth equal marks.

Part A. Each question worth equal marks.

1. “Nothing in biology makes sense except in the light of evolution.” (T. Dobzhansky) What does this imply about the theories of the creation scientists? Explain.
2. Are the ideals of neutrality and objectivity reasonable or are they illusions of classist, racist, and sexist powers that be?
3. How plausible are the claims made by some observers that they have sighted objects whose activities clearly indicate that they are manned by extraterrestrial intelligences?
4. Explain briefly the criteria used by Judge Overton to support his judgment that creation science is not science.

Part B.

Discuss two ethical issues that can be identified in planning for nuclear waste disposal.