Philosophy

- The LOVE of WISDOM
- Involves thinking about things
  - Rigorous, questioning
- Offer arguments to ideas
- Meeting or counter arguments by others
- Be prepared to change your position
This world, after all our science and sciences, is still a miracle; wonderful, inscrutable, magical and more, to whosoever will think of it. Thomas Dekker quotes

What is Science

Science identifies order in nature which draws upon regularities to aid human activity in providing safety. Science is practical knowledge about relationships through human race which draws upon wisdom and observations of regularities through human activity in providing safety.
"knowledge attained through study or practice"

or

"knowledge covering general truths of the operation of general laws, esp. as obtained and tested through scientific method [and] concerned with the physical world."

describes any systematic field of study or the knowledge gained from it.

Natural & Social science

Science is organized knowledge.
Wisdom is organized life.

Immanuel Kant

Most of the fundamental ideas of science are essentially simple, and may, as a rule, be expressed in a language comprehensible to everyone. Albert Einstein quotes
Ø the study of assumptions, foundations, and implications of science
Ø history of concepts and terms and how they are currently used in science
Ø the relation between propositions with arguments (Formal logic)
Ø the reasoning connecting hypotheses and conclusions (Scientific method)
Ø the manner in which science explains natural phenomena and predicts natural occurrences (observation)

What is Philosophy of Science

What is Philosophy of Science

Ø the types of reasoning that are used to arrive at scientific conclusions (deduction, induction, abduction)
Ø the formulation, scope, and limits of scientific understanding
Ø the means that should be used for determining when scientific information has adequate support (objectivity)
Ø and the implications of scientific methods and models, along with the technology that arises from scientific knowledge for the larger society (applied science)
FSG500 July-Nov 2007
Final Term Paper

Write a 3000 word essay using Font ARIAL size 11 with a 1.5 line spacing
Submit a hard copy to Dr JJ or Ms. Zarila

Name:________________
Group:_______________
Program:_____________
Semester:____________
Title:_________________
Date:_________________

Format for the first page
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Final Term Paper

Topics:
Ethical & Religious Issues.

Indicate your position on the following issues. Then provide evidences and facts from both your experiences, knowledge and from articles to support your position. Note that your suggestion and disagreement on the issues is as important as the information you provide from the articles you read. You will need to discuss based on the usual format for essay writing.

1. Organ donation will soon become a necessity to improve the lifestyles of the unfortunate individuals.
2. Organ transplant should be legalized.
3. Biological weapon cause less damage than the conventional weapon.
4. Alternative/complementary medicine must be given more research funding to prove its scientific worth.
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Topics:
5. Cosmetic surgery is beneficial.
4. Cloning is ethical & accepted by all religion.
5. Incinerator is a better option to dispose solid waste than using open landfill.
6. Genetically modified food will reduce world hunger.
7. Malaysia should have nuclear power plants.

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Topics:
8. Pesticide and insecticide only does more harm than good.
9. Believing in god is not science.
10. Generating science knowledge at the university level is more important than acquiring soft skills.