



THE OPEN UNIVERSITY OF SRI LANKA

POSTGRADUATE DIPLOMA IN ENVIRONMENTAL SCIENCES

LEVEL 6

NEP 1302/1206 – ENVIRONMENT, SOCIETY AND DEVELOPMENT

FINAL EXAMINATION – 2009 (OPEN BOOK EXAMINATION)

DURATION: THREE HOURS

Date: 22nd February 2010

Time: 9.30 a.m. – 12.30 p.m.

ANSWER ANY FOUR (04) QUESTIONS ONLY

PLEASE ENSURE THAT ANSWERS FOR EACH QUESTION SHOULD BE GIVEN IN SEPARATE BOOKS

1. Using the concept of resource usage and their interdependency, explain as to why solar energy or solar PVC may not be able to provide the energy needs or electrical energy needs of modern society.
2. Briefly discuss as to why we should learn from nature to develop some of our technological tools.
3. i) Discuss the necessary pre medical examination and periodical medical examination of the working population.
ii.) What are the functions of occupational health services?
4. Sustainable farming is promoted as a solution to pollution caused by intensive farming using external inputs in the form of fertilizer and pesticides.
When the above two methods are compared several aspects must be considered such as productivity, stability, sustainability and equity.
Explain how above mentioned the two systems differ in these four aspects especially, with respect to poor farmers.

5. "Global warming and climate change are issues that should be addressed by the industrialized countries, alone".

Are you in agreement with the above statement or not? Argue your case.

6. Discuss the importance of conservation of energy in the modern day world.