



THE OPEN UNIVERSITY OF SRI LANKA
CERTIFICATE COURSE IN INDUSTRIAL ENVIRONMENTAL HAZARDS
FINAL EXAMINATION – 2006
MPC 1302 / MPI 2302 – INDUSTRIAL ACTIVITIES AND RELATED
ENVIRONMENTAL CONCERNS
DURATION: TWO HOURS

008

Date: 19th March 2007

Time: 9.30 a.m. – 11.30 a.m.

Please answer any three (03) questions

1. What pollution causes Eutrophication? Giving examples describe the activities that discharge these pollutants to the environment. Explain the consequences of Eutrophication.
2. *In Cuba, the energy savings programme determined the need to replace 1,400,000 defective home refrigerator joints throughout the country. With this measure, consumption of electric energy can be reduced by between 20% -30% and the life of the equipment is also extended. (Source, Initial National communication to UNFCCC, Cuba).*
Discuss the importance of promoting energy- efficient products and processes to combat the energy crisis in Sri Lanka.
3. Briefly describe the term 'Homeostasis' Giving examples analyse the changes that would happen when the balance is disturbed.
Why is species diversity important in environmental conservation?
Discuss the common activities in Agriculture that lead to droughts and desertification.
4. Describe how Acid rain is formed in the atmosphere.
Compare the environmental impacts of a coal power plant project with a Hydropower project.
5. What are the main green house gasses? Which one contributes most to global warming?
Discuss the possible environmental effects of global warming.

