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Eastern University, Sri Lanka

EASTERN UNIVERSITY, SRI LANKA
FACULTY OF COMMERCE AND MANAGEMENT
Final Year / Second Semester Examination in
Business Administration/ Commerce/ Economics – 2007/2008
(Special Examination – 2002/2003, 2002(A)/2003 (Repeat) (July-2008)

OCC 4021 Industrial Pollution and Control

Answer all questions.

Time: 2 Hours

1.	<p>Over the course of ten thousand years, human beings have successfully learnt to exploit ecological systems. While ecological systems are patience, they can also snap viciously when bent too far. Humans out of ignorance, shortsightedness, greed of desperation have polluted air and water, undermined the productivity of the land through accelerated soil erosion, creeping deserts, increased flooding and declined soil fertility. They thus destroy the basis of their own livelihood and they violate the limits of natural systems. The principal victims of these trends are the world's poor, who in their quest for food and fuel are often faced by circumstances beyond their control to serve the agents of their own undoing.</p> <p>The central question today is not whether to choose between industrialization and environment, but how to select patterns of development and not only to minimize its adverse impacts but are actually designed to stabilize and improve environmental conditions and hence to improve economic conditions.</p> <p>(i) Describe one main exploitation activity of human on each of the constituents of environment namely land, water and air? (06 Marks)</p> <p>(ii) Why do we say the ecological systems are patience? Give an example. (04 Marks)</p> <p>(iii) Describe a natural disaster caused as a result of exploiting the ecological system above the tolerance level? Explain the cause and effect. (05 Marks)</p> <p>(iv) What is soil erosion? Explain how soil erosion would contribute the decline in the productivity of land. (04Marks)</p> <p>(v) Explain how the nature maintains the water balance of the world? (04Marks)</p> <p>(vi) Do you accept that the principal victims of environmental pollution are the poor and the poor nations? Justify your answer. (05Marks)</p>
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	<p>(vii) Describe the three major environmental problems due to degradation of environment. (15 Marks)</p> <p>(viii) Explain the statement in the last paragraph of the passage starting with "The central question of today is not -----". (07Marks)</p> <p>(Total 50 Marks)</p>
2.	<p>The world experiences various kinds of pollution with the industrial revolution. What are the various kinds of pollution threatening the existence of human? Discuss each kind of pollution with a practical example from a named industry. (Total 20 Marks)</p>
3.	<p>You are going to start a RICE MILL in your village. You attended a training programme on business start up and you were advised to prepare an Environmental Impact Assessment (EIA) report.</p> <p>(i) What is an EIA report?</p> <p>(ii) Why do you prepare an EIA report?</p> <p>(iii) Prepare an EIA for the establishment of a rice mill in your village.</p> <p>(iv) Highlight the mitigate measures; you would put forward in your EIA report. (Total 30 Marks)</p>