

THE OPEN UNIVERSITY OF SRI LANKA
 B.SC. / B.Ed. DEGREE PROGRAMME
 BOTANY – LEVEL 04
 FINAL EXAMINATION – 2012/2013
 PCU2104 – ENVIRONMENTAL STUDIES
 DURATION – TWO (2) HOURS



DATE: 21st December, 2013

TIME: 9.30 a.m. – 11.30 a.m.

Answer any four (04) questions

1. Discuss about the living resources available in the world.
2. a. Give an account of the types and the sources of air pollutants.
 b. State about the major air pollutants and their adverse effects.
 c. Explain the potential factors that affect air pollution.
 d. Describe the problems encounter due to air pollution.
3. a. Give an account on global climate change.
 b. What are the impacts of climate changes?
 c. Describe what is meant by “global warming” and discuss its negative and positive feedbacks.
 d. Explain the factors that contribute to the depletion of Ozone layer.
4. a. Give an account of how solid wastes are managed.
 b. Describe the categorization of hazardous and toxic wastes.
 c. Explain how hazardous wastes are disposed.
5. a. What is meant by the term “Land degradation”?
 b. Describe the mechanism of soil degradation.
 c. Explain how chemical degradation occurs.
 d. What is deforestation?
6. Write short notes on any **three (03)** of the following.
 - a. Weathering of rocks and soil formation.
 - b. Water pollution control methods.
 - c. Natural terrestrial ecosystems in Sri Lanka.
 - d. Mineral resources.

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