The Open University of Sri Lanka
B.Sc/ B.Ed Degree Programme – Level 04 -2012/2013
PCU2104 – Environmetal Studies
Assessment Test II (No Book Test)

05 DEC 20
The Open University of

Duration – One (01) hour **Reg. No. .....**

Date : 27th September 2013 **Time: 4.00 – 5.00 p.m.**

Answer all questions on this paper itself

01. Given below include both true and false statements. Indicate the true statement by writing "**T**" statement by writing "**F**" in the space given in front of each statement.

i. The size of a population is determined by the number of births – birth rate (.....)

ii. There are three main groups of air pollutants (.....)

iii. "Photochemical smog" and " Sulfurous smog" are the two major types of smog (.....)

iv. Most dinosaurs become extinct, as a result of sudden cooling of earth's climate (.....)

v. Spoilage of oil is caused by accidents during transport, by storage failure and by egligence in the handling of oil (.....)

vi. Composting is the chemical degradation of organic matter under oxygen-rich conditions (.....)

vii. "Minimum till " involved reducing the number of time of plowing (.....)

viii. Desertification is the gradual transformation of habitable land into desert (.....)

ix. Dust clouds are becoming much more prevalent and deadliest with the increase of arid desert areas (.....)

x. The purpose of monitoring and auditing is to compare actual impacts (.....)

02. Giive the most suitable answer for the following questions.

a. "Population density" is the number of populations or groups of individuals of a species living in a defined area at a given time. What are the factors which determine the size of a population?

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b. Indicate the main impacts of industrial activities.

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c. What are the factors affecting air pollution?

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d. Name the two international regimes on Ozone layer

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e. What are the main components of green house gasses?

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03. Give the most suitable answers for the following questions.

i. Indicates two ways of cleaning polluted water.

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ii. When living organisms are used effectively and inexpensively to clean contaminated water, It is called

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iii. What are the benefits of recycling waste material?

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iv. Indicate one way of disposing hazardous waste material?

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v. What is the object of Kyoto protocol?

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vi. Define the term 'Desertification".

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vii. What is Asian brown Haze?

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viii. Explain the term "Bio remediation".

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ix. What is incineration?

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x. What is global warming?

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04. Explain in brief the processes involved in "Integrated waste management".

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