The Open University of Sri Lanka
B.Sc / B.Ed Degree Programme- Level 04 - 2011/2012
PCU2104 – Environmental Studies
Assessment Test 11 (No Book Test)

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

Date: 9th April 2012 **Time: 4.00 – 5.00 pm**

Answer all questions on this paper itself.

There are four (04) question and four (04) pages in this question paper.

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

i. Actual growth curves, in nature usually do not have the smooth appearance of the typical sigmoid curve. (.....)

ii. The continuous exponential growth in the human population after 1930's is only due to the high growth rates of the population. (.....)

iii. Ozone is a primary pollutant in the atmosphere. (.....)

iv. With global warming, the sea level rises due to the thermal expansion of ocean water. (.....)

v. The non- point sources of water pollution may be fairly uniform and predictable throughout the year. (.....)

vi. The Environmental Ministry is the main state agency responsible for the formulation and implementation of policies for the protection and management of the environment of Sri Lanka. (.....)

vii. The Rio Earth Summit was the first major conference on international environmental issues. (.....)

viii. "Secure landfills" are considered as the safest disposal method of many hazardous wastes. (.....)

ix. The effect of Carbon monoxide (CO) in people tends to be less when oxygen levels are lower. (.....)

x. When there are inversion layers in the lower atmosphere due to the restricted air circulation, occurrence of pollution events may be reduced. (.....)

02. Give the **most suitable term** that describes the following statements:

i. A process by which the original waste material is made back into the same material

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ii. Process of biological degradation of organic matter under oxygen - rich conditions for a useful product

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iii. An important natural process which involves in the redistribution of the products of geological weathering .....

iv. The extremely stable, unreactive, molecules in the lower atmosphere which react with ozone when they reached the stratosphere .....

v. The loss or continental degradation of forest habitats due to either natural or human related activities .....

vi. The use of living organisms to clean contaminated water .....

vii. The process of identifying, predicting, evaluating and mitigating effect of proposals, prior to major decisions being taken and commitments made .....

viii. The document signed by some countries with the objective of reducing emission of green house gases .....

ix. The first comprehensive legislation on the environmental management in the Sri Lanka .....

x. The first key decision of the Environmental Impact Assessment .....

03. **Define** these terms.

i. Carrying capacity in a population-

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ii .Green revolution -

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iii." Zero waste" movement -

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iv. Scoping in Environmental Impact Assessment

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v. Desertification –

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vi. Water pollution –

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vii .Population density –

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04. "Green house effect is a natural phenomenon occurring in the global environment ". Justify this statement.

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