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THE OPEN UNIVERSITY OF SRI LANKA
CERTIFICATE PROGRAMME IN ENVIRONMENTAL SCIENCE-
LEVEL - 02
FINAL EXAMINATION- 2013
PSC 1110 - COMPONENTS OF THE ENVIRONMENT

Date: 28th June 2014

Time: 1.30 p.m. – 3.30 p.m.

Answer **any four (4)** questions.

1.
 - a) Distinguish between natural and man made environment.
 - b) Explain briefly why the study on the environment is important.

2.
 - a) What are the different categories of rocks?
 - b) Describe how these rocks are developed.
 - c) List the major non-living components of soil.
 - d) Explain the importance of living components in soil.

3.
 - a) What are the major trophic levels seen in a food chain?
 - b) Discuss the efficiency of energy transfer in different types of food chains.

4. Differentiate between the following.
 - a) Mitosis and Meiosis
 - b) Tropical montane forests and dry mixed ever green forests
 - c) Population and Communities
 - d) Dicots and monocots in angiosperms

5. Write an essay on “Cycling of Nitrogen(N) in the environment”.

6. Write short notes on **any three(03)** of the following.
 - a) Adaptations of plants for life on land
 - b) Solar radiation as an energy source
 - c) Characteristics of Arthropods
 - d) Coral reefs in Sri Lanka

