



UNIVERSITY OF PERADENIYA
CENTRE FOR DISTANCE AND CONTINUING EDUCATION



FIRST EXAMINATION IN ARTS (EXTERNAL) NEW SYLLABUS - AUGUST 2018

Environmental Studies - (SUPE 008)

Instructions: Answer only **Four (04)** questions. The number of questions in this paper is seven (07).

Time allowed: Three hours

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- 01 a. What are the main components of an eco-system? (05 marks)
b. Explain biological processes of an eco-system with suitable illustrations. (20 marks)
- 02 a. Name five major eco-systems in the world. (05 marks)
b. Select any one from above and discuss the main factors impacting on degradation of that eco system. (20 marks)
- 03 a. What are the major components of the bio- diversity? (05 marks)
b. Explain the biodiversity conservation strategies applied in Sri Lanka. (20 marks)
- 04 a. Name five global environmental problems. (05 marks)
b. Select any problem from above and describe suitable measures to mitigate the problem. (20 marks)
- 05 a. Define the Greenhouse Effect (05 marks)
b. Explain with suitable examples how greenhouse effect impact on tropical rain forests. (20 marks)
- 06 a. List five international organization that support to protect natural eco-systems. (05 marks)
b. Explain how one of these organizations support to protect Sri Lankan environment. (20 marks)
- 07 Write short notes on any **TWO** of the followings (Marks 25)
i Development and Environment
ii Ecological carrying capacity
iii Sustainable development goals.
IV Environmental summits and their roles
