



UNIVERSITY OF PERADENIYA

CENTRE FOR DISTANCE AND CONTINUING EDUCATION

FIRST YEAR (100 LEVEL) EXAMINATION IN BACHELOR OF ARTS  
(EXTERNAL NEW SYLLABUS) APRIL 2017



Environmental Studies - (SUPE 008)

Answer **Four** (04) questions only

The total number of questions in this paper is Seven07

Time allowed: **Three** (03)hours

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|----|--|----------|
| 01 | a. Define eco-system.  | Marks 05 |
|    | b. Describe the structure and function of an ecosystem.  | Marks 10 |
|    | c. Explain why eco-systems are different in spatially.   | Marks 10 |
| 02 | a. Describe the function of producers, consumers and decomposers in an ecosystem.                              | Marks 10 |
|    | b. Define and differentiate between food chain and food web with a suitable illustration.                      | Marks 15 |
| 03 | a. Define Biodiversity and explain its significance.   | Marks 05 |
|    | b. Explain briefly biodiversity conservation strategies.   | Marks 10 |
|    | c. Elaborate on threats to biodiversity with suitable examples.  | Marks 10 |
| 04 | a. Identify the natural factors which impact on environmental change.  | Marks 10 |
|    | b. Critically discuss how human factors lead to change the natural environment.                                | Marks 15 |
| 05 | Explain with suitable examples, how Sri Lankan development activities impact on its environmental degradation. | Marks 25 |
| 06 | a. Define climate change.  | Marks 10 |
|    | b. Discuss the consequences of climate change on global environment.   | Marks 15 |
| 07 | Write short notes on <b>TWO</b> of the followings.   | Marks 25 |
|    | i Deforestation in tropical region   |          |
|    | ii Solid waste management strategies in Sri Lanka  |          |
|    | iii Protected areas in Sri Lanka   |          |
|    | iv Importance of tropical rain forest  |          |