

THE OPEN UNIVERSITY OF SRI LANKA
 DEPARTMENT OF SOCIAL STUDIES
 BA DEGREE PROGRAMME IN SOCIAL SCIENCES – 2018/2019
 FINAL EXAMINATION – LEVEL 5
 DSU5335/ SSU3135- RESOURCE ECONOMICS



DURATION: THREE HOURS (03 HOURS) ONLY

Date: 06.01.2019

Time: 9.30 a.m. – 12.30 p.m.

Instructions:

➤ Answer any five (05) questions only. Each answer carries 20 marks.

1. (a) Discuss as to why we have to preserve natural resources for future generations?
 (b) Explain the first and second law of thermodynamics and their importance in energy conservation.
2. (a) Briefly define sustainability criteria.
 (b) Using Materials Balance Model of Economy, explain the responsibilities of households and firms to achieve sustainable development.
3. “Renewable resources are less attractive compared to non-renewable resources for energy needs. Many people claim initial investment is high and wide usability is limited”. Give your ideas for and against the above statement.
4. (a) Explain the term ‘ External Diseconomy’.
 (b) Discuss three solutions for the externality problem in the market.
5. (a) Define the three characteristics of an efficient property rights system.
 (b) Explain the concept of government failure with examples.
6. (a) What is the significance of environmental valuation?
 (b) Use of polythene/plastics is a serious environmental problem in Sri Lanka. Describe the environmental impact of using polythene/plastics.
7. (a) What is environmental politics?
 (b) Discuss the importance of environmental politics to solve environmental issues in a country.
8. (a) Classify the different types of organizations available for environmental conservation.
 (b) How do global environmental organizations contribute in controlling environmental issues?
9. Write short notes on the following.
 (a) Methodology of policy formulation
 (b) Categories of values