

**UNIVERSITY OF COLOMBO, SRI LANKA**

**FACULTY OF GRADUATE STUDIES**

**Postgraduate Diploma in Development Studies 2017/2018**

**Semester II Examination**

**PgDDS 5207: Environment and Development**

**Time : Two (02) Hours**

**Answer any FOUR (04) questions only**

**All questions carry equal marks**

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1.
  - (a) Explain the interrelationship between economics and environment.
  - (b) Examine how and why economic activities affect the environment.
  
2.
  - (a) Elaborate the causes, sources, and scope of environmental damage.
  - (b) What do you understand by allocative efficiency and cost effectiveness criteria in evaluating environmental policies?
  
3.
  - (a) Define the concept of market failure and explain the reasons for market failure.
  - (b) Explain how do you consider environmental problems as a market failure?
  
4.
  - (a) Distinguish between public goods and common property resources using appropriate examples.
  - (b) Explain what is meant by the "Tragedy of the Commons". What methods do you propose to litigate over extraction of common property resources?
  
5.
  - (a) Explain briefly the Command and Control Approach to environmental problems.
  - (b) What are the constrains in setting pollution abatement standards efficiently under the command and control approach?

6.

- (a) Describe the process of market approach for environmental problems.
- (b) Examine the types of markets-based instruments used to address environmental problems and comment on them.

7.

- (a) Why should we measure the values of environmental resources? Explain different types of environmental valuation.
- (b) Explain how you measure the value of an environmental resource using one of the methods you have outlined above.

8. Write brief explanatory notes on any **Two (02)** of the following:

- (a) Measuring welfare of a society and government intervention.
- (b) Property rights and environmental protection.
- (c) Environmental standards and economic implications of using standards.
- (d) Cost ineffectiveness of Technology Based Standards and Uniform Standards.