

# UNIVERSITY OF COLOMBO – SRI LANKA

## FACULTY OF ARTS

### STUDY STREAM DEGREE EXAMINATION IN ARTS (GEOGRAPHY)

### SECOND SEMESTER FINAL EXAMINATION – 2017-2018

### GYG 3266 –Environmental Pollution & Management

**Two Hours (02)**

Answer **three (03)** questions only.

A map of Sri Lanka will be provided.

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1. (i) What is meant by a “Green City”?  
(03 Marks)
- (ii) Mark and name **five** cities that have been affected by urban environmental pollution on the given Sri Lankan map.  
(05 Marks)
- (iii) Select one city that you have marked on the map and explain the importance of the green city concept in minimizing the urban environmental pollution in Sri Lanka.  
(12 Marks)
  
2. (i) What do you mean by “Integrated Solid Waste Management (ISWM).”?  
(04 Marks)
- (ii) What are the main factors for the increase in quantitative solid waste?  
(06 Marks)
- (iii) State the solid waste recycling methods in Sri Lanka and briefly discuss their social, economic and environmental benefits.  
(10 Marks)
  
3. (i) Explain the importance of community participation of women in environmental management.  
(10 Marks)
- (ii) “The existing education system and awareness programmes in Sri Lanka should be further strengthened in reducing environmental Pollution.” Explain with examples.  
(10 Marks)

4. (i) Explain with examples how traditional knowledge can be used in maintaining the balance of nature in Sri Lanka?  
(10 marks)

(ii) Discuss with examples the challenges encountered in using the traditional knowledge on the environmental management in Sri Lanka.  
(10marks)

5. (i) Define “Environmental Impact Assessment (EIA)” ?  
(04 marks)

(ii) Explain the importance of Environmental Impact Assessment in the various development projects with examples from Sri Lanka.  
(08 marks)

(iii) Examine the challenges that have been encountered in the Environmental Impact Assessment (EIA).  
(08 marks)

6. (i) State **five** main environmental laws in Sri Lanka and explain the main aims of these laws.  
(08 marks)

(ii) Describe the issues that have emerged in Sri Lanka due to the improper functioning of **one** of the above mentioned environmental laws.  
(12 marks)

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