

UNIVERSITY OF COLOMBO, SRI LANKA
FACULTY OF GRADUATE STUDIES
Postgraduate Diploma in Environment Management 2017/2018
Semester II Examination
PgDEM 5307 - Management Tools for Environment

(Time – 03 Hours)

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

(1)
Giving suitable examples, discuss briefly the benefits of Environmental Management. (25 marks)

(2)
(a) What is “Life Cycle Assessment” (LCA)? (05 marks)

(b) In assessing life cycle of manufacturing yoghurt, list different key steps involved. (08 marks)

(c) What are the benefits of carrying out a LCA? (12 marks)

(3)
(a) Explain the role of Management in establishing efficient Environmental Management System (EMS) in an organization. (15 marks)

(b) Briefly discuss some techniques that are used in carrying out EMS. (10 marks)

(4)
(a) State five features of Environmental Management system (EMS). (10 marks)

(b) Explain the model of Environmental Management system. (10 marks)

(c) What is an Environmental Impact (EI)? (05 marks)

- (5) (a) Suppose you are asked to establish EMS at your company. Explain the process of establishing EMS at your company. (15 marks)
- (b) List down the barriers that you may face while implementing your EMS. (10 marks)
- (6) (a) Describe major points that you need to consider when conducting Environmental Impact Assessment (EIA) process. (17 marks)
- (b) What are major points that you need to consider to make an effective EIA process. (08 marks)
- (7) (a) What is pollution prevention? (05 marks)
- (b) Briefly explain why we need to prevent pollution? (08 marks)
- (c) Explain different methods use in waste water treatment. (12 marks)
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