



UNIVERSITY OF COLOMBO, SRI LANKA

Faculty of Management & Finance

Postgraduate & Mid-career Development Unit

Master of Business Administration Weekend Programme (Semester III First-half) Examination – April 2017

MBAGM 616 – Environment Management

Three (03) Hours

Answer any **FIVE (05)** Questions

This is an **Open Book** examination

This paper has seven (07) questions on two (02) printed pages

1. i. Briefly explain 3 R concept in relation to a Cement manufacturing industry.

(05 Marks)

ii. Discuss the role that the industrial sector could play in managing solid waste generation and disposal issue in Sri Lanka.

(15 Marks)

(Total 20 Marks)

2. i. Briefly describe the role of project proponent and general public in Environment Impact Assessment (EIA) process.

(05 Marks)

ii. An investor expects to construct a hotel with 150 rooms in a land adjacent to a nature reserve in the wet zone Sri Lanka. Discuss the procedure that could be adopted to conduct an EIA for this suggested project according to the National Environment Act.

(15 Marks)

(Total 20 Marks)

3. i. State the key improvements of 2015 revision of ISO standard.

(05 Marks)

ii. Describe the activities that are carried out during implementation and operation of ISO 14001 environment management system in a named industry.

(15 Marks)

(Total 20 Marks)

4. Discuss how electronic product manufacturers could apply the criteria of Eco Design to reduce the environmental impacts of their products in the use phase, with suitable examples.

(20 Marks)

5. A glove manufacturing industry discharges wastewater with organic matter and some metallic ions. Explain a procedure that could be adopted to treat this wastewater to meet effluent water quality standards of Sri Lanka.

(20 Marks)

6. Discuss how cleaner production strategies could be utilized to reduce solid waste generation in apparel manufacturing industry.

(20 Marks)

7. i. Design an environmental policy for a retail sector organization.

(05 Marks)

ii. Describe the strategies that could be adopted by retail sector organizations to reduce energy consumption.

(15 Marks)

(Total 20 Marks)
