

UNIVERSITY OF COLOMBO, SRI LANKA

FACULTY OF MANAGEMENT AND FINANCE

Bachelor of Business Administration (Level II – Semester V) Examination – June/July 2017

ACT 2223/HRM 2223/MOS 2201– Environmental Management

Two (02) Hours

Answer All Questions.

1. Corporate managers involved in sustainability initiatives have different understandings on sustainability. This situation which arises both locally and globally brings challenges to achieve sustainability. Many of these managers perceive sustainability with an 'entity focus' rather than a 'systems focus'.

Moreover, some of these corporate managers seem to be overwhelmed by the sheer magnitude of the social and environmental problems we are confronted with. Out of these problems, climate change which is caused due to global warming takes prominence. Even within this setting, some managers do not tend to bother about any of these issues but give prominence to meeting their corporate economic targets.

- i. Write your own interpretation on sustainability.

(04 Marks)

- ii. Explain how corporate managers' different interpretations on sustainability make achieving sustainability more challenging.

(06 Marks)

- iii. Differentiate between 'entity focus' and 'systems focus' on sustainability using examples.

(06 Marks)

- iv. Explain climate change and global warming. Describe how global warming lead to social and environmental problems.

(09 Marks)

(Total: 25 Marks)

2. "ISO 14000 family of standards reflects international consensus on good environmental and business practices that can be applied by organizations operating all over the world in their specific context."

i. Name five (05) areas addressed by the ISO 14000 family of standards.

(05 Marks)

ii. Describe three (03) financial and three (03) non-financial benefits an organization could obtain by adopting ISO 14000.

(12 Marks)

iii. Critically evaluate the adoption of ISO 14000 by organizations as a means of promoting their sustainability efforts.

(08 Marks)

(Total: 25 Marks)

3. The National Environmental Act of Sri Lanka has introduced an internationally accepted process called Environmental Impact Assessment (EIA) as part of the strategy to achieve sustainable development.

i. Define Environmental Impact Assessment and list-down its benefits.

(10 Marks)

ii. Describe the procedure of environmental impact assessment followed in Sri Lanka.

(15 Marks)

(Total: 25 Marks)

4. Life cycle concepts play a crucial role in ensuring systems level sustainability initiatives in organizations.

i. Explain what is 'life cycle management' using an example.

(10 Marks)

ii. Analyze how these life cycle concepts are useful in addressing social and environmental issues, taking the national garbage issue in Sri Lanka as an example.

(15 Marks)

(Total: 25 Marks)
