

UNIVERSITY OF RUHUNA
BACHELOR OF SCIENCE SPECIAL DEGREE LEVEL II (SEMESTER I)
EXAMINATION - JULY 2016

SUBJECT : Zoology

Time: 02 hours

COURSE UNIT: ZOO 4164 - Conservation and Management of Environment

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

Illegible handwriting would be penalized.

1. "Environmental monitoring and assessment have been recognized as two essential strategies in ensuring sustainable development in the modern world". Explain why?

(30 minutes)

(23 marks)

2. (a). Mention the levels and forms of public involvement in Environmental Impact Assessment process.
- (b). Discuss the challenges met in implementing Environmental Assessments in Sri Lanka.
- (c). Indicate the key benefits of strategic Environmental Assessment.

(30 minutes)

(23 marks)

3. (a). Briefly explain what is meant by environmental education, emphasizing its goals and outcomes.
- (b). State the various actors/groups involved in environmental education.
- (c). Give a brief account on the IEEP (International Environmental Education Programme).

(30 minutes)

(23 marks)

4. Discuss the following.

- (a). Different watershed management practices.
- (b). Physical & chemical changes and associated ecological consequences of river channel modification.

(30 minutes)

(23 marks)

5. Discuss the impacts of terrestrial degradation on human health.


(30 minutes)

(23 marks)

- 6. (a). Differentiate between “wetland creation” and “wetland restoration”.
- (b). Briefly explain the goals and benefits of wetland creation and restoration.

(30 minutes)

(23 marks)

 **For the assignment**

(08 marks)

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