

**UNIVERSITY OF RUHUNA**  
**BACHELOR OF SCIENCE SPECIAL DEGREE LEVEL I (SEMESTER II)**  
**EXAMINATION - NOVEMBER/DECEMBER 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.

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1. (i). Write a brief account on causes and effects of global environmental degradation occurred during the past few decades.
- (ii). Briefly discuss the environmental protective measures enforced to enhance the sustainability of the global environment and its people.
- (30 minutes)** **(23 marks)**
2. Briefly describe,
- (i). Desirable properties considered in selecting Environmental Impact Assessment methods.
- (ii). Indicate the main steps followed in the Environmental Impact Assessment review process.
- (30 minutes)** **(23 marks)**
3. Write short notes on **any three** of the following.
- (i). Environmental policy and policy cycle.
- (ii). Environmental careers.
- (iii). Outcomes of "Environmental Education".
- (iv). Coast Conservation Act of Sri Lanka.
- (30 minutes)** **(23 marks)**

4. (i). Discuss different watershed management approaches.
- (ii). Describe the impacts of the following natural and human induced changes, on watersheds.
- (a). Wildfire
  - (b). Mining
  - (c). Urbanization

**(30 minutes)**

**(23 marks)**

5. Write a concise report on "Impacts of land degradation process".


**(30 minutes)**

**(23 marks)**

6. Briefly discuss the strategies adopted to enhance wetland conservation and management.

**(30 minutes)**

**(23 marks)**

-  For the assignment

**(08 marks)**

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