

UNIVERSITY OF RUHUNA
BACHELOR OF SCIENCE GENERAL DEGREE LEVEL II (SEMESTER I)
EXAMINATION – JULY 2016

SUBJECT: Zoology

Time: 01 hour

COURSE UNIT : ZOO 2142

Conservation and Management of Biological Resources

Answer **any TWO (02)** questions only.

Illegible handwriting would be penalized.

1. (i). “When the population number drops below the Minimum Viable Population (MVP) number it will lead to species extinction”. Justify this statement.
- (ii). Briefly discuss the effect of **indirect drivers** on **biodiversity loss** and subsequent **change in ecosystem services**.

2. Write an account on **Captive breeding**.

3. Write short notes on **any two** of the followings.
 - (i). **Direct values** of biodiversity.
 - (ii). **Strategies** used for **easy viewing** of wildlife by tourists.
 - (iii). **Marine Environment Threats** to turtles.

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