

**UNIVERSITY OF RUHUNA**  
**BACHELOR OF SCIENCE SPECIAL DEGREE LEVEL I (SEMESTER I)**  
**EXAMINATION – JULY 2016**

**SUBJECT : Zoology**

**Time : 01½ hours**

**COURSE UNIT : ZOO 4083 – Ornithology**

Answer **Question number 1** and **two other** questions only.

*Illegible handwriting would be penalized.*

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1. Write brief accounts on **any three** of the following.

- (i). **Archaeopteryx.**
- (ii). Food and feeding habits of **terrestrial non carnivorous** birds.
- (iii). General design of an **avian flying machine.**
- (iv). **Ecological values** of birds.
- (v). **Captive breeding** of endangered bird species.

**(50 minutes)**

**(50 marks)**

2. Discuss the **foraging behaviour patterns** shown by birds.

**(20 minutes)**

**(25 marks)**

3. How do birds overcome **extreme hot conditions?**

**(20 minutes)**

**(25 marks)**

4. Briefly explain the **behaviour patterns** of birds to ensure their **reproductive success and survival.**

**(20 minutes)**

**(25 marks)**

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