

**UNIVERSITY OF RUHUNA**  
**BACHELOR OF SCIENCE GENERAL DEGREE LEVEL III (SEMESTER I)**  
**EXAMINATION –July 2016**

**SUBJECT : Zoology**

**Time: 01 hour**

**COURSE UNIT: ZOO 3152 – Parasitology**

Answer **the Question 1** and **one** of the other two questions.

*Illegible handwriting would be penalized.*

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1. **Answer all parts.**

- (i) Briefly describe the general life history of *Leishmania* species and types of the disease caused by it.
- (ii) Write an account on hydatidosis in human and its causative agent.
- (iii) Describe the life cycle and pathogenicity caused by *Dracunculus medinensis*.

**(40 minutes)**

**(60 marks)**

2. Describe the life history of *Schistosoma* species, and discuss the features of evolutionary significance.

**(20 minutes)**

**(25 marks)**

3. Write short notes on,

- (i). Above-ground symptoms caused by plant parasitic Nematodes
- (ii). Scabies
- (iii). Small chicken tapeworm

**(20 minutes)**

**(25 marks)**

\*\*\*Marks of Continuous assessments

**(Max. 15 marks)**

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