

UNIVERSITY OF RUHUNA
BACHELOR OF SCIENCE GENERAL DEGREE LEVEL III (SEMESTER I)
EXAMINATION -August/September 2017

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.

1. **Answer all parts.**

- (i) Mention the diversity of trypanosome parasites, and briefly describe general life history of the trypanosome that causes Chagas disease.
- (ii) Describe the life history of *Paragonimus westermani* and its control measures.
- (iii) Write an account on the parasite causing 'river blindness' in humans.

(40 minutes)

(60 marks)

2. Explain why *Taenia solium* can be considered as a life threatening tapeworm in human.

(20 minutes)

(20 marks)

3. Write short notes on

- (i). ecto-parasitic plant nematodes
- (ii). ichthyophthiriasis
- (iii). ticks in disease transmission

(20 minutes)

(20 marks)

***Marks of Continuous assessments

(Max. 20 marks)

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