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FACULTY OF ALLIED HEALTH SCIENCES, UNIVERSITY OF RUHUNA  
Department of Medical Laboratory Science  
Year End Examination – Year 2 - 9<sup>th</sup> Batch  
Medical Parasitology (MLS 2104) – SEQ

20<sup>th</sup> December 2019

Time: 10.00 a.m. -11.00 a.m.

Duration: 01 hour

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Answer all questions. Use only the space provided for answering.

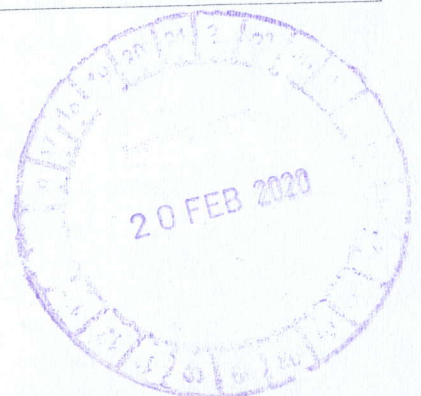
1) Answer the following questions giving one common example wherever necessary.

1.1. Name four important specimens used in the diagnosis of parasitic diseases in human. (10 marks)

Specimen:	Parasitic disease:

1.2. State methods of preservation and transport of human specimens mentioned in 1.1. (20 marks)

Specimen:	Preservation and transport:



1.3. Name five different parasitic stages screened for diagnosis of diseases.

(20 marks)

Parasitic stage:	Disease:

1.4. Write a brief discussion on a diagnostic test that can be used in the identification of the parasitic stages mentioned in 1.3.

(25 marks)

Diagnostic test:	Test procedure, advantages and disadvantages:

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1.5. Describe the prevention of parasitic diseases mentioned in 1.3.

(25 marks)

Parasitic disease:	Prevention:




2) A Sri Lankan who travelled to India and stayed there for 10 days has developed high fever with chills and rigors on his return to Sri Lanka. He was sent to a hospital for further care. On admission medical officer has noticed a low level of consciousness and sudden onset tonic clonic seizures. A parasitic infection is suspected.

2.1 Name the most probable parasite which can cause above presentation while giving the reasons.

(10 marks)

Parasite:	Reasons:

2 Describe how this traveler has contracted the parasite mentioned in 2.1.

(20 marks)

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2.3 Describe three (03) possible laboratory based confirmatory investigations that can be done in the above case presentation.

(60 marks)

Laboratory test:	Description:



(5)


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2.4 Describe the prevention of the occurrence of similar case presentations.

(10 marks)

[Empty response area for question 2.4]

