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BACHELOR OF MEDICAL LABORATORY SCIENCES HONOURS
MLU3147 – DIAGNOSTIC PARASITOLOGY AND ENTAMOLOGY - II
FINAL EXAMINATION

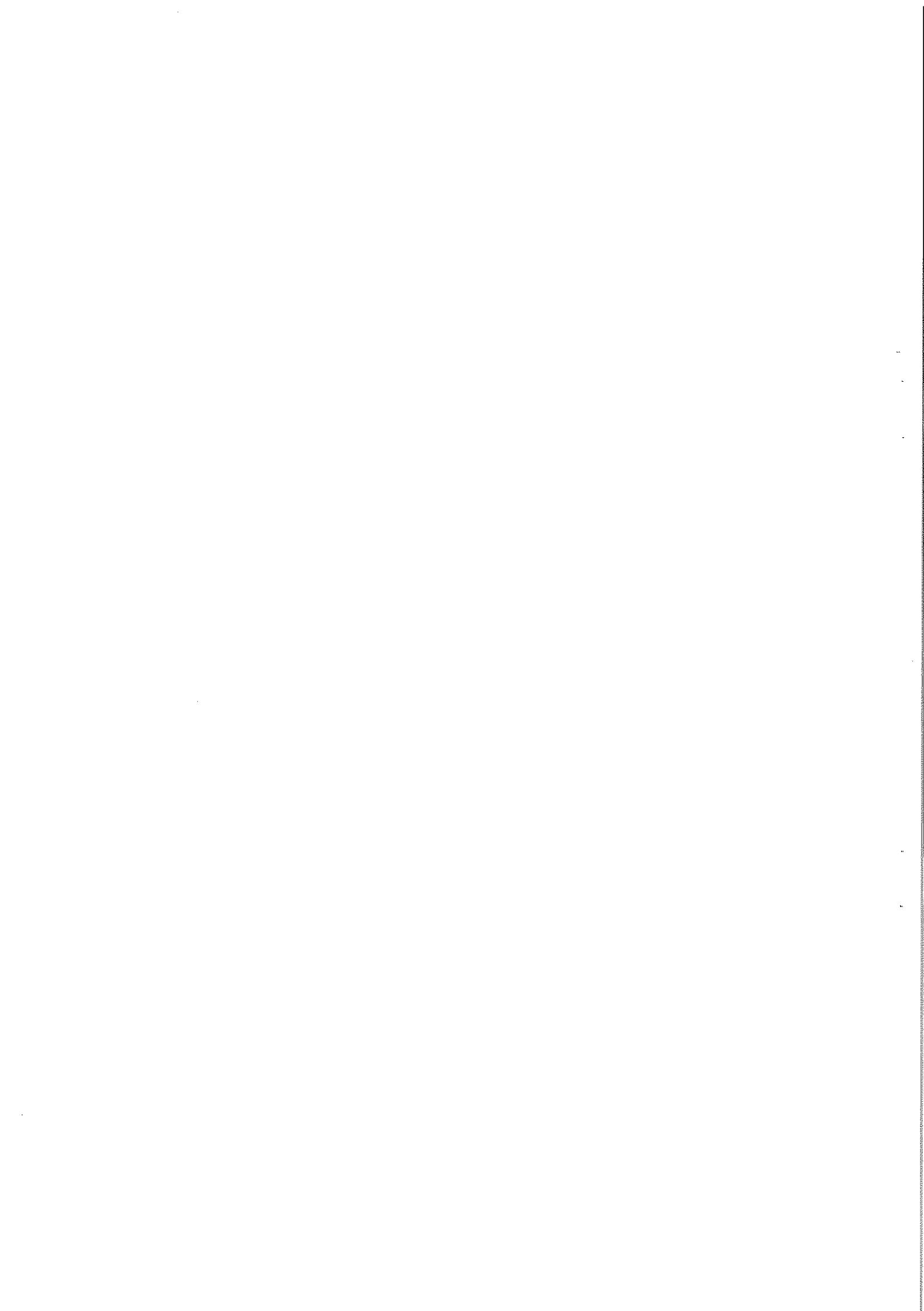
Part B: Structured Essay Questions (60 marks)

Q1

- 1.1 Name two (02) pathogenic protozoan parasites inhabiting the large intestine of human.
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.....

1.2 Write four (04) diagnostic tests that can be performed to detect protozoan parasite you mentioned in 1.1
(06 marks)
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.....
.....

1.3 Briefly explain molecular and immunological techniques used to detect protozoan parasites
(10 marks)



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(Total - 20 marks)

Q2

2.1 List four (04) malaria species that can infect humans

(04 marks)

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2.2 List the parasitic stages that can be found in the vertebrate and invertebrate host of the one of species you mentioned in 2.1.

(08 marks)

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2.3 Briefly explain the principles of immunochromatography tests available to detect malaria parasites.

(08 marks)

(Total - 20 marks)

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Q 3

3.1 List the currently available laboratory tests for diagnosis of cutaneous leishmaniasis (04 marks)

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3.2 Describe the importance of Quality assurance (QA) in laboratory diagnosis of parasitic infections

(08 marks)

3.3 Briefly describe laboratory based quality assurance (QA) in parasitic disease diagnosis

(08 marks)

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(Total - 20 marks)

Part C: Essay Question (20 marks)

Q 1

Describe the advantages of RDTs in the diagnosis of malaria.

(20 marks)