

THE OPEN UNIVERSITY OF SRI LANKA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF MEDICAL LABORATORY SCIENCES
ACADEMIC YEAR 2018/2019 – SEMESTER I

BACHELOR OF MEDICAL LABORATORY SCIENCE HONOURS

MLU3147 – DIAGNOSTIC PARASITOLOGY & ENTOMOLOGY II

FINAL EXAMINATION

DURATION: TWO HOURS

DATE: 28th FEBRUARY 2019

TIME: 01.30 PM – 03.30 PM

Part B: Structured Essay Questions (60 marks)

Q1

1.1 Name four (04) zoonotic parasitic infections.

II.....

III.

IV.....

(4 marks)

1.2 Briefly explain four (04) conventional methods used for diagnosis of zoonotic infections.

[illegible]

(8 marks)

[illegible]

(8 marks)

(Total – 20 marks)

2.1 Name four (04) immunodiagnostic methods used for confirmation of parasitic infections.

I

II.....

III

IV.....

(4 marks)

Registration No.....

2.2 Explain the principle used in two (02) of the diagnostic tests you mentioned above in 2.1.

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(8 marks)

2.3 Discuss the advantages and disadvantages of immunodiagnostic tests commonly used in malaria and filariasis

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(8 marks)

(Total – 20 marks)

Q 3

3.1 Name THREE (03) toxic constituents of snake venom.

I

II.....

III

(6 marks)

3.2 Name six (06) laboratory tests performed in a patient with envenomation.

I.....

II

III

IV.....

V

VI

(6 marks)

3.3 Briefly describe the basis of neurological symptoms after certain snake bites.

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(8 marks)

(Total – 20 marks)

Registration No.....

Part C: Short Essay Questions (20 marks)**Q 1.**

1.1 Describe the objectives of laboratory-based Quality Assurance (QA) in parasitic laboratories.
(10 marks)

1.2 Briefly describe the elements that should be included in a Laboratory Quality Assurance
Plan. (10 marks)

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