



The Open University of Sri Lanka
Bachelor of Medical Laboratory Sciences (B.MLS)
MLU3147- Diagnostic Parasitology and Entomology
Semester 01- Academic year 2015/2016

No Book Test 02

Return your question paper with the answer sheet

Date: 23.10.2015

Duration – 1 hour

Time: 10.30a m - 11.30 a m

Registration No.....

Please read the following instructions carefully before you answer the paper. (100 marks)

Part – A (15 marks)

There are 05 multiple choice questions in this part, each question with five responses. Select the correct response and mark in the given answer sheet.

Part – B (25 marks)

1. There are 10 multiple choice questions in this paper, each question with five responses. Each response has two choices, either **True** or **False**. Select the correct choice either **True** or **False** for each response.
2. On the answer sheet, there are ten cages for each question. Those are placed in two rows (five in each row), indicating letters labeled from “a” to “e”.
 - If a response is correct, mark the relevant response in **T** row and if a response is incorrect mark the relevant response in **F** row

An example of a correctly answered question is given below.

Part - C (20 marks)

You are given 10 matching questions. Match the answers given in the column B with the descriptions given in the column A. Write the correct letter in the given space.

Part -D (40 marks)

You are given 2 short answer questions. Each question contains four parts. Answer all the questions in given spaces.

Good Luck!

Part C

1. Green Pit Viper		a) An upturned snout
2. Russel's Viper		b) White rings, extending to belly
3. Ceylon Krait		c) Dark brown oval patches
4. Cobra		d) A constrictor
5. Hump Nosed Viper		e) The largest snake in Sri Lanka
6. Saw Scaled Viper		f) A white bird's foot mark on the dorsum of the head
7. Indian (common)krait		g) Spectacle marking on the dorsal surface of hood
8. Sea snake		h) Narrow white rings in pairs on the dorsum
9. Python		i) Black stripe runs from the eye to the angle of jaw
10. Rat snake		j) Paddle-shaped tail

Part D

1

1.1 Name two snakes that may cause coagulopathy following bites (6 marks)

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1.2 Briefly explain how to carry out the 20 minute whole blood clotting test (20WBCT)(10 marks)

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1.3 State your conclusions regarding the below findings in a 20WBCT (4 marks)

a) If the blood flows (no clot):

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b) If the blood does not flow (clotted):

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2.

2.1 List three(3) features that enable you to identify saw scaled viper(*Echiscarinatus*) (6 marks)

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2.2 List four (4) medically important snakes with their scientific names. (8marks)

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2.3 List three (3) clinical features following a common krait bite (3marks)

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2.4 List three (3) pathogenic mechanisms of acute kidney failure following Russell's viper bite. (3 marks)

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