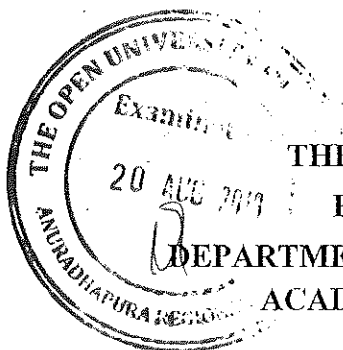


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THE OPEN UNIVERSITY OF SRI LANKA

FACULTY OF HEALTH SCIENCES

DEPARTMENT OF MEDICAL LABORATORY SCIENCES

ACADEMIC YEAR 2018/2019 – SEMESTER II



BACHELOR OF MEDICAL LABORATORY SCIENCE HONOURS

MDU5202 – VECTOR BORNE DISEASES

NO BOOK TEST 1

DURATION: ONE HOUR

DATE: 20th AUGUST 2019

TIME: 1.00 PM – 2.00 PM

REGISTRATION NO:

IMPORTANT INSTRUCTIONS/ INFORMATIONS TO CANDIDATES

- This question paper consists of **09** pages with **10 Multiple Choice Questions (Part A)** and **04 Structured Essay Questions (Part B)**.
- Write your Registration Number in the space provided.
- Answer **ALL** questions.
- **Multiple Choice Questions (Part A):** Indicate answers in the answer sheet provided by placing a cross (X) in **INK** in the relevant cage. (answers in pencil will **NOT** be marked)
- **Structured Essay Questions (Part B):** Write answers within the space provided.
- Do not remove any page/part of this question paper from the examination hall.
- Mobile phones and any other electronic equipment are **NOT** allowed. Leave them outside.

Name:
Address:

Part B: Structured Essay Questions (80 marks)

Q 1

1.1 Write two species of vectors that can transmit filarial parasites. (4 marks)

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1.2 Compare one of the adult vector mentioned in 1.1 with adult malaria vector using three morphological features. (6 marks)

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1.3 Briefly describe the methods of reducing the breeding places of filariasis vectors. (10 marks)

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(Total – 20 marks)

Q 2

2.1 Write two species of vectors that can transmit *Leishmania* parasites (4 marks)

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2.2 Write three morphological characteristics that can be differentiated sand fly adults from mosquitoes. (6 marks)

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2.3 Briefly explain adaptive features of sand flies for feeding blood from vertebrates. (10 marks)

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(Total – 20 marks)

Q 3

3.1 List three breeding sites of Malaria vectors. (6 marks)

- I.....
- II.....
- III.....

3.2 Write three morphological characteristics that can be used to differentiate female anopheline mosquitoes from male anopheline mosquitoes. (6marks)

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3.3 Briefly explain factors affecting malaria transmission. (8 marks)

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(Total – 20 marks)

BACHELOR OF MEDICAL LABORATORY SCIENCE HONOURS
MDU5202 -- VECTOR BORNE DISEASES
NO BOOK TEST 1

REGISTRATION NO:

ANSWER SHEET FOR PART A

1.

a	b	c	d
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2.

a	b	c	d
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3.

a	b	c	d
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4.

a	b	c	d
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5.

a	b	c	d
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6.

a	b	c	d
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7.

a	b	c	d
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8.

a	b	c	d
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9.

a	b	c	d
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10.

a	b	c	d
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