**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**END OF YEAR THREE SEMESTER ONE EXAMINATION**

**MARCH 2015 KRCHN CLASS (PRE-SERVICE)**

**VECTOR BORNE DISEASES EXAMINATION**

DATE: …………………… TIME:…………………..

**INSTRUCTIONS**

1. Read the questions carefully and answer only what is asked.
2. Enter your examination number and question number on each page used.
3. ALL questions are compulsory.
4. For part 1 (MCQs), write the answer in the spaces provided on the answer booklet and each MCQ is one (1) mark.
5. For Part 2 (SHORT ANSWER QUESTIONS), answer the questions following each other.
6. For Part 3 (LONG ANSWER QUESTIONS), answer to each question MUST start on a separate page.
7. Omission of and or wrong numbering of a question or part of the question will result in 10% deduction of the marks scored from the relevant part.
8. Do NOT use a pencil.
9. Mobile phones are NOT allowed in the examination hall.

For Examiner:

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| --- | --- | --- | --- | --- |
| **MCQS** | **SAQS** | **LAQS 1** | **LAQS 2** | **TOTAL** |
|  |  |  |  |  |

**PART ONE: MCQS (MULTIPLE CHOICE QUESTIONS) VECTOR BORNE DISEASES – 5 MARKS**

Q.1. The following are notifiable diseases except?

1. Cholera.
2. Poliomyelitis.
3. Measles.
4. Elephantiasis.

Q.2. Which one of the following is the vector for onchocerciasis:

1. Mosquito.
2. Tsetse fly.
3. Black fly.
4. River fly.

Match the following infections with respective causative organism for Q.3 – Q.5.

Q.3. Leishmaniasis. (a) Arbovirus.

Q.4. Dracunculiasis. (b) Cyclops.

Q.5. Yellow fever (c) sand flies

(d) Guinea worm.

(e) Leishmania

**PART TWO: SHORT ANSWER QUESTIONS – VECTOR BORNE DISEASES – 25 MARKS**

Q.1. (a) State briefly three (3) clinical presentation of bacroftian filariasis. 6 marks

(b) Outline possible prevention and control of bancroftian filariasis. 4 marks

Q.2. State four (4) clinical picture/manifestations of relapsing fever. 4 marks

Q.3. Briefly state three (3) classes under which worms of medical importance are

grouped giving one example in each group. 7 marks

Q.4. State four (4) functions of disease surveillance. 4 marks

**PART THREE: LONG ANSWER QUESTIONS – VECTOR BORNE DISEASES – 20 MARKS**

Q.1. Schistosomiasis is one of the common tropical diseases in the Sub-Saharan Africa.

1. Distinguish between Schistosoma haematobium and Schistosoma mansoni. 5 marks
2. Explain briefly the transmission cycle of schistosomiasis. 6 marks
3. Mention at least two (2) drugs of choice in management of schistosomiasis and

their possible doses. 2 marks

1. Outline prevention and control of schistosomiasis. 7 marks