**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**END OF YEAR THREE SEMESTER ONE EXAMINATION**

**MARCH 2016 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 : MCQ (MULTIPLE CHOICE QUESTIONS) VECTOR BORNE DISEASES – 5 MARKS**

Q.1. The following are clinical manifestations of onchocerciasis except:

1. Dermatitis
2. Blindness
3. Hydrocele
4. Skin nodules

Q.2. Which one of the following is not a clinical sign in subacute phase of Bancroftian filariasis:

1. Microfilaria are present in peripheral blood
2. Funiculitis
3. Lymphadenopathy
4. Lymphedema

Q.3. One of the following is not a viral haemorhagic fever disease:

1. Marburg
2. Rift valley fever
3. Lass fever
4. Avian influenza

Q.4. The following are preventive measures against Taenia except:

1. Proper disposal of faeces
2. Through cooking of beef/pork
3. Feeding dogs with condemned meat
4. Meat inspection

Q.5. Which one of the of following is the vector for Leishmaniasis?

1. Tsetse fly
2. Black fly
3. Sand fly
4. Snail

**PART TWO : SAQ (SHORT ANSWER QUESTIONS) VECTOR BORNE – 25 MARKS**

Q.1. Outline three (3) clinical stages Trypanosomiasis infection presents with. 6 marks

Q.2. State four (4) prevention and control of Bancroftian filariasis. 4 marks

Q.3. State four (4) differences between Louse borne relapsing fever and tick-borne

relapsing fever 4 marks

Q.4. State three (3) classes of worms of medical importance 3 marks

Q.5. Outline four (4) types of surveillance 4 marks

Q.6. State four (4) functions of disease surveillance 4 marks

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

Q.1. Schistosomiasis is of the most frequent diseases in some of the tropical countries.

1. Describe the transmission cycle of schistosomiasis 8 marks
2. Distinguish between schistosomiasis haematobium and Schistosoma mansoni 5 marks
3. Mention its medical management 2 marks
4. Explain its prevention and control 5 marks