**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**END OF YEAR I SEMESTER II SUPP. EXAMINATION**

**MARCH 2017 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 SUPP. – 5 MARKS**

Q.1. The following are notifiable diseases except?

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

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. Leishmaniosis (a) Arbovirus

(b) Cyclops

Q.4. Dracunculiasis (c) Sand flies

(d) Guinea worm

Q.5. Yellow Fever (e) Leishmania

**0PART TWO: SAQS (SHORT ANSWER QUESTIONS) VECTOR BORNE SUPP. – 25 MARKS**

Q.1. State four (4) prevention and control measures of enterobiasis 4 marks

Q.2. Outline five (5) clinical manifestations of ebola haemorrhagic fever 5 marks

Q.3. Outline the transmission cycle of relapsing fever 6 marks

Q.4. List six (6) notifiable diseases 3 marks

Q.5. State four (4) areas in which diseases surveillance can link action to 4 marks

Q.6. State three (3) control measures of vectors 3 marks

**PART THREE: (LAQS) LONG ANSWER QUESTIONS) VECTOR BORNE SUPP. – 20 MARKS**

Q.1. Hookworm infestation is common especially in rural areas.

1. State four (4) clinical features of hookworm infestation 4 marks
2. Explain briefly the transmission cycle of hookworm infestation 8 marks
3. Mention two (2) drugs and its dosages that are used to manage the infection 2 marks
4. State the prevention and control of hookworm infection 6 marks