**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**END OF YEAR THREE SEMESTER ONE EXAMINATION**

**SEPTEMBER 2013 KRCHN CLASS (PRE-SERVICE)**

**VECTOR BORNE DISEASES EXAMINATION**

DATE: 24/2/2016 TIME 8.30 – 11.30 am

**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. Which of the following is not a notifiable disease?

1. Anthrax.
2. Rabies.
3. Malaria.
4. Cholera.

Q.2. Which is the odd one out?

1. Cholera.
2. Hepatitis.
3. Scabies.
4. Amoebiasis.

Q.3. The causative organism of scabies is:

1. Female mite.
2. Sarcoptes scabiei.
3. Harrae.
4. Brucei gambiense.

Q.4. Which among these is a zoonotic disease:

1. Malaria.
2. Tinea capitis.
3. Anthrax.
4. None of the above.

Q.5. The following may be used as IPT in malaria prevention except?

1. Artesunate.
2. Fansida.
3. Orodar.
4. Metakelfin.

**PART TWO: SHORT ANSWER QUESTIONS – VECTOR BORNE DISEASES – 20 MARKS**

Q.1. Explain the principles of communicable disease control. 6 marks

Q.2. List four (4) factors that increase the transmission of contact diseases. 2 marks

Q.3. List eight (8) common diseases spread by fecal oral route. 4 marks

Q.4. Outline the clinical presentation of a patient suffering from rabies. 5 marks

Q.5. Explain the pathogenesis of amoebiasis. 5 marks

Q.6. How would you manage a patient suffering of cholera duty outbreak? 3 marks

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

Q.1. Mr X, 30 years old is admitted to your ward with a diagnosis of severe malaria in a malaria endemic area.

1. Outline the lifecycle of malaria. 8 marks
2. Define the term ‘endemic’. 2 marks

Q.2. Tuberculosis is an airborne disease that is common in medical wards.

1. Clearly explain the various treatment (regimen). 6 marks
2. List eight (8) signs and symptoms of tuberculosis. 4 marks