**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**END OF YEAR THREE SEMESTER ONE EXAMINATION**

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

**IVBD EXAMINATION**

DATE: 9/9/2015 TIME8.30 – 11.30

**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** |
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**PART ONE: MCQS (MULTIPLE CHOICE QUESTIONS) IVBD– 5 MKS**

Q.1. Which of the following is not a nematode worm:

1. Ascaris lumbricoid.
2. Taenia solium.
3. Hook worm.
4. Thread worm.

Q.2. Which is the vector snail for schistosoma haematobium infection?

1. Balinus mansoni.
2. Bulinus haematobium.
3. Biomphlaria pfeifer.
4. Bulinus africanns.

Q.3. The following are phase in clinical presentation of bacroftian filariasis:

1. Acute phase.
2. Microfilaria phase.
3. Suc acute phase.
4. Chronic phase.

Q.4. Which is the vector for onchocerciasis:

1. Black flu.
2. Tsetse fly.
3. Mosquito.
4. Sand fly.

Q.5. Which one of the following is not a vector:

1. Mosquito.
2. Black flu.
3. Snail.
4. Cockroach.

**PART TWO: SHORT ANSWER QUESTIONS – IVBD – 25 MARKS**

Q.1. Outlien the three (3) stages in which trypanosomiasis presents with. 6 marks

Q.2. Distinguish between visceral leishemania and antaneous leishmaniasis. 6 marks

Q.3. State four (4) functions of disease surveillance. 4 marks

Q.4. Briefly state the clinical picture of Ascaris. 5 marks

Q.5. Briefly explain what is Jarich-Herxteimer reaction. 4 marks

**PART THREE: LONG ANSWER QUESTIONS – IVBD– 20MARKS**

Q.1. Schistosomiasis is the second most frequent disease after malaria in some countries.

1. Briefly describe the transmission cycle of schistosomiasis. 8 marks
2. Outline the clinical picture for schistosoma haematobium and schistosoma

mansoni. 6 marks

1. Discuss its prevention and control. 6 marks