**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**END OF YEAR THREE SEMESTER ONE EXAMINATION**

**SEPTEMBER 2014 KRCHN CLASS (PRE-SERVICE)**

**COMMUNICABLE 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) COMMUNICABLE DISEASES– 5 MARKS**

Q.1. Enteric fevers includes the following except:

1. Paratyphoid A.
2. Paratyphoid B.
3. Cholera.
4. Typhoid.

Q.2. It is an acute diarrhoea disease characterized by bloody stool, fever, vomiting, abdominal cramps and also called shigellosis:

1. Gastro-enteritis.
2. Bacillary dysentery.
3. Campylobacter jejeni infection.
4. Giardiasis.

Q.3. The following are major anopheles species of important in Africa except:

1. Anopheles gambiae.
2. Anopheles rhodesiphse.
3. Anopheles melas.
4. Anopheles funestus.

Q.4. Which of the following is a disease from animals and their products:

1. Malaria.
2. Anthrax.
3. Leprosy.
4. Onchocerciasis.

Q.5. Fungal diseases of the skin can be managed by:

1. Use protective like condoms.
2. Immunizations against fungal infection.
3. Scrubbing affected areas using soap and water with topical applications.
4. Avoiding overcrowded areas.

**PART TWO: SHORT ANSWER QUESTIONS – COMMUNICABLE DISEASES – 15 MARKS**

Q.1. Distinguish between schistoma haematobium and schistoma mansoni. 5 marks

Q.2. Define the term vector as in the case of vector borne diseases. 1 mark

Q.3. List eight (8) manifestations of severe complicated malaria. 4 marks

Q.4. Write short notes on trypanosomiasis as a vector borne disease. 5 marks

Q.5. Distinguish between bacillary and amoebic dysentery. 5 marks

Q.6. Briefly outline the clinical picture of cholera. 5 marks

**PART THREE: LONG ANSWER QUESTIONS – COMMUNICABLE DISEASES – 20 MARKS**

Q.1. Mrs Alice Kenya is a female aged 35 years and has been admitted to your ward with abortion secondary to malaria infection.

1. Briefly outline the transmission cycle of malaria 10 marks
2. Explain the principles of prevention and control of communicable diseases. 10 marks