**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**END OF YEAR 3 SEMESTER 1 EXAMINATION**

**SEPTEMBER 2015 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:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **MCQS** | **SAQS** | **LAQS 1** | **LAQS 2** | **TOTAL** |
|  |  |  |  |  |

**PART ONE: MCQS (MULTIPLE CHOICE QUESTIONS) COMMUNICABLE DISEASES – 5 MARKS**

Q.1. Which of the following agent is used to prevent malaria:

1. Mebendazole
2. Proguanil
3. Inactivated vaccine
4. Zinc tablet

Write true or false for Q.2.

Q.2. Treatment with oral rehydration solution may be sufficient to treat a person with mild

degree of cholera.

Q.3. Lepromin test is positive in which leprosy:

1. Lepromatous
2. Indeterminable
3. Histoid
4. Tuberculoid

Q.4. All are features of lepromatous leprosy except:

1. Gynaecomastia
2. Madarosis
3. Saddle nose
4. Perforating ulcer

Q.5. The typical pattern of fever in typhoid is:

1. Intermittent fever
2. Relapsing fever
3. Pel-ebstein fever
4. Continuous fever

**PART TWO: SAQS (SHORT ANSWER QUESTIONS) COMMUNICABLE DISEASES –25 MARKS**

Q.1. Discuss the methods of communicable disease control. 5 marks

Q.2. Outline the patterns of malaria in Kenya stating the differences. 4 marks

Q.3. State the prevention and control of bacillary dysentery. 3 marks

Q.4. Outline the pathogenesis of amoebiasis. 5 marks

Q.5. List four early signs and symptoms of tuberculosis. 2 marks

Q.6. Briefly state what happens during the second week of typhoid fever infection. 3 marks

Q.7. Outline the management of bacillary dysentery. 3 marks

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

Q.1. Mrs A is brought to the hospital with the husband. After intensive investigations she is diagnosed with cholera disease and is admitted to the female medical ward.

1. Define cholera stating the mode of transmission. 2 marks
2. Outline the states of cholera. 6 marks
3. Describe the management of Mrs A till discharge. 8 marks
4. State the prevention and control of cholera. 4 marks