**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**END OF YEAR ONE SEMESTER ONE EXAMINATION**

**MARCH 2016 KRCHN CLASS (PRE-SERVICE)**

**ENVIRONMENTAL HEALTH EXAMINATION**

DATE: 30/9/2016 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) ENVIRON. HEALTH– 7 MARKS**

Q.1. Physical environment includes:

1. Climate and industries.
2. Dams and plants.
3. Attitude and customs.
4. Wild animals and microorganisms.

Q.2. Permanent houses:

1. Do not provide privacy.
2. Do not necessary have stone foundation.
3. Are easy to keep the floor and the walls clean.
4. Are less expensive to construct than semi-permanent houses.

Q.3. The term pollution is described as:

1. The environmental factor that is seen in rural areas.
2. The spoiling of natural resources by harmful substances.
3. Destruction of needed structures.
4. All of the above.

Q.4. The recommended method of disposing refuse in rural areas is:

1. Crude dumping.
2. Compositing.
3. Incineration.
4. Controlled tipping.

Q.5. Water related diseases include:

1. Diarrhoea, bacillary dysentery, scabies.
2. Trachoma, onchocerciasis, amoebiasis.
3. Malaria, schistosomiasis, dracunculosis.
4. Typhoid, cholera, hepatitis B.

Q.6. Water washed diseases can be prevented through:

1. Increased quality of water.
2. Boiling water for drinking.
3. Wearing protective clothing while in contract with water.
4. Improving the quality of water.

Q.7. A good environment is characterized by:

1. Shared common toilets for female and male students.
2. Simple sits which are attached to each other.
3. Spacious classes with doors opening outwards.
4. A wet play ground with no potholes or stones to prevent injuries.

**PART TWO: SHORT ANSWER QUESTIONS – ENVIRON. HEALTH – 23 MARKS**

Q.1. State four (4) sources of water. 4 marks

Q.2. State three (3) types of housing. 3 marks

Q.3. State four (4) characteristics of housing. 4 marks

Q.4. Outline two (2) principles of food preservation. 2 marks

Q.5. Explain the following terms as used in food preservation:

1. Freezing.
2. Sterilization.
3. Blanching. 6 marks

Q.6. State how you can control the following vectors:

1. Flies.
2. Mosquitoes. 2 marks

Q.7. List four (4) types of pollution. 2 marks