**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**END OF YEAR ONE SEMESTER ONE EXAMINATION**

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

**ENVIRONMENTAL HEALTH EXAMINATION**

DATE: 5/3/2015 TIME:1 – 4.00 pm

**INSTRUCTIONS**

1. Enter your examination number and question number on each page used.
2. ALL questions are compulsory.
3. For part 1 (MCQs), write the answer in the spaces provided on the answer booklet.
4. For Part 2 (SHORT ANSWER QUESTIONS), answer the questions following each other.
5. For Part 3 (LONG ANSWER QUESTIONS), answer to each question MUST start on a separate page.
6. 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.
7. Do NOT use a pencil.
8. 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) ENVIRONMENTAL HEALTH– 5 MARKS**

Q.1. The prevention of diarrhoea diseases by fly control is through some of the following methods:

1. Cleaning and covering latrines, washing hands, boiling drinking water.
2. Storing leftover food properly, boiling drinking water, cleaning and covering latrines.
3. Cleaning and covering latrines, washing hands, spraying with insecticides.
4. Cleaning and covering latrines, storing leftover food properly.

Q.2. The best method of waste disposal in areas of low water level is:

1. Bore hole latrines.
2. Bucket latrines.
3. Composition pit latrine.
4. Trench latrine.

Q.3. The methods that are available for purifying water for domestic use are:

1. Storage, boiling, biological filtration.
2. Filtration, sand filtration, boiling.
3. Boiling, chemical disinfection filtration.
4. Super chlorination, filtration, iodine.

Q.4. In waste disposal method, controlled tipping involves the following:

1. Spreading refuse in layers and covering with compact earth.
2. Putting refuse in a ditch and leaving for anaerobic decomposition.
3. Putting rubbish in a pit and burning it.
4. Spreading refuse in a pit for decomposition.

Q.5. In disposing hospital waste the method recommended is:

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

**PART TWO: SHORT ANSWER QUESTIONS – ENVIRONMENTAL HEALTH – 20 MARKS**

Q.1. State five (5) methods of food preservation. 5 marks

Q.2. State three (3) sources of water pollutants resulting from human activities. 3 marks

Q.3. Explain three (3) sources of solid waste. 6 marks

Q.4. Explain three (3) criteria of a good house. 6 marks

**PART THREE: LONG ANSWER QUESTIONS – ENVIRONMENTAL HEALTH – 16 MARKS**

Q.1. You are a community health nurse working in a rural health centre, and during your home

visiting you learn that waste disposal is poorly disposed

1. Define pollution. 1 mark
2. State five (5) types of pollution. 5 marks
3. Explain five (5) ways that you can use to prevent pollution. 10 marks