**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**RE-SIT FIRST SEMESTER EXAMINATION**

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

**ENVIRONMENTAL HEALTH**

DATE: 16/12/2013 TIME: ...........................

**INSTRUCTIONS**

1. Enter your examination number and question number on each page used.
2. ALL questions are compulsory.
3. 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.
4. Do NOT use a pencil.
5. Mobile phones are NOT allowed in the examination hall.

***PART ONE: MCQS(MULTIPLE CHOICE QUESTIONS) ENVIRONMENTAL HEALTH–5 MKS***

Q.1. Water-washed diseases include the following:

1. Dysentery, typhoid, malaria.
2. Dysentery, malaria, amoebiasis.
3. Dysentery, skin diseases, diarrhoea.
4. Skin diseases, amoebiasis, malaria.

Q.2. Which of the following is the most recommended method of disposing hospital waste:

1. Recycling method.
2. Compositing.
3. Incineration.
4. Controlled tipping.

Q.3. Which of the following diseases that are transmitted through faecal oral route:

1. Mumps, typhoid fever, poliomyelitis.
2. Poliomyelitis, cholera, mumps.
3. Viral hepatitis A, poliomyelitis, typhoid.
4. Poliomyelitis, viral hepatitis B, cholera.

Q.4. The most recommended methods for purification of water includes the following:

1. Sedimentation, boiling.
2. Filtration, iodization.
3. Decantation, iodization.
4. Chlorination, iodization.

Q.5. Controlled tipping of refuse disposal involves the following:

1. Putting rubbish in an open dumping ground.
2. Putting rubbish in a pit and burning it.
3. Spreading refuse in layers with compact earth.
4. Placing refuse in a ditch and leaving if for anaerobic decomposition.

***PART TWO: SHORT ANSWER QUESTIONS – ENVIRONMENTAL HEALTH – 29 MKS***

Q.1. State the four (4) environmental components. 4 marks

Q.2. Define the following terms:

1. Environmental health. 1 mark
2. Public health. 1 mark

Q.3. Explain any three (3) methods used in purification of domestic water. 6 marks

Q.4. State any four (4) sources of waste. 4 marks

Q.5. State any four ($) methods of refuse disposal. 4 marks

Q.6. Explain the following sources of water:

1. Rain water.
2. Surface water.
3. Underground water. 6 marks

Q.7. State three (3) goals of safe water systems. 3 marks