**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**RE-SIT END OF FIRST SEMESTER EXAMINATION**

**SEPTEMBER 2012 KRCHN CLASS (PRE-SERVICE)**

**ENVIRONMENTAL HEALTH EXAMINATION**

DATE: 6 March 2014 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 – 7 MARKS**

Q.1. Which of the following is not a source of air pollution:

1. Automobiles.
2. Industries.
3. Plants.
4. Combustion of coal, wood, oil.

Q.2. Food poisoning is caused by:

1. Vibro cholera.
2. Shigella.
3. Salmonella typhiniurium.
4. Salmonella typhi.

Q.3. Houseflies causes:

1. Typhoid.
2. Trypanosomiasis.
3. Filariasis.
4. Insomnia.

Q.4. The disease associated with coater-borne is:

1. Dysentery.
2. Malaria.
3. Cholera.
4. Onchcerciasis.

Q.5. Which of the following is the most recommended method of disposing hospital waste:

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

Q.6. The most recommended methods for purification of water includes the following:

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

Q.7. 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 – 44 MARKS**

Q.1. Define environment. 2 marks

Q.2. State seven (7) effects of pollution. 7 marks

Q.3. (a) List six (6) uses of water. 3 marks

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

Q.4. (a) Explain any three (3) methods used in purification of domestic water. 6 marks

(b) Explain the following sources of water:

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

Q.5. Explain four (4) ways the environment affect the health of man. 4 marks

Q.6. State four (4) problems associated with poor housing condition and related

health risk. 8 marks

Q.7. State any four (4) methods of refuse disposal. 4 marks