**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**RE-SIT END OF INTRODUCTORY BLOCK EXAMINATION**

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

**FIRST AID EXAMINATION**

DATE: 16/11/2012 TIME:………………………………..

**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.

**PART ONE: MCQS (MULTIPLE CHOICE QUESTIONS) FIRST AID**

Write **true** or **false** for the following statements for **Q.1** to **Q.5**

Q.1. The principles of fracture management are reduction, immobilization, and rehabilitation.

Q.2. Seizures are only caused by epilepsy, fever and infection.

Q.3. Early complications of fractures include shock, fat embolism and non-union.

Q.4. In the management of organophosphate poisoning, atropine is essential in the exertion of anti-muscarinic effect.

Q.5. Burns may be caused by dry heat, ultraviolet light, electric current, corrosive chemical, cold.

**PART TWO: SHORT ANSWER QUESTIONS – FIRST AID – 18 MARKS**

Q.1. (a) Define the term ‘first aid’. 2 marks

(b) State four (4) objectives of first aid. 4 marks

(c) Briefly explain how you can conduct a secondary surgery to a casualty

during first aid. 4 marks

Q.2. State four (4) principles of intervention that a first aiders apply. 4 marks

Q.3. State three (3) measures that are used in prevention of disease transmission. 4 marks

**PART THREE: LONG ANSWER QUESTIONS – FIRST AIDD – 20 MARKS**

Q.1. Mr. P. who is 40 years and weighs 70kgs was brought to Nyamira District Hospital with burns on his chest both right and left arms and the neck from a store.

1. What is the percentage of the burnt surface area. 2 marks
2. Calculate the amount of fluid that will be administered to Mrs. P in the first

8 hours 2 marks

1. Describe the immediate management for Mrs. P while in casualty. 10 mark
2. Discuss the complications that Mrs. P is likely to suffer as a result of the

injury she sustained. 6 marks