**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**END OF FIRST SEMESTER EXAMINATION**

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

**FIRST AID/TRAUMA & EMERGENCY EXAMINATION**

**DATE**: 5 MARCH 2014 **TIME**: 2.00 – 5.00 PM

**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) FIRST AID/TRAUMA & EMERGENCY - 4 MARKS**

Q.1. Pacinian corpuscle is a sensory receptor for the stimulus:

1. Light pressure.
2. Pain.
3. Deep pressure.
4. Smell.

Q.2. Epidermis is composed of:

1. Blood vessels and lymph vessels.
2. Sensory (somatic) nerve endings.
3. Stratified keratinised squamous epithelium.
4. Sweat glands, hairs, a rector pili, muscle.

Q.3. Histamine causes:

1. Vasodilatation, itching, increased vascular permeability.
2. Vasoconstriction, increased vascular permeability.
3. Pain, vasodilatation.
4. Diverse, sometimes opposing e.g. fever, pain.

Q.4. First aid is:

1. Care given to a very sick patient.
2. Initial assistance given to someone who is injured or suddenly taken ill before transfer to the hospital.
3. Assessing for life threatening conditions that need emergency care.
4. First aid is assessing the situation.

**PART TWO: SHORT ANSWER QUESTIONS FIRST AID/TRAUMA & EMERGENCY – 19 MARKS**

Q.1. State three (3) principles of fracture management. 3 marks

Q.2. State one (1) way you delay the spread of venom poison through the body. 2 marks

Q.3. Explain eight (8) universal precaution in preventing infection. 8 marks

Q.4. Explain six (6) steps in controlling nose bleeding. 6 marks

**PART THREE: LONG ANSWER QUESTIONS - FIRST AID/TRAUMA & EMERGENCY – 12 MARKS**

Q.1. Mr Jimmy 45 years old has been brought for admission after suffering a deep cut caused by an unknown metal object.

* 1. Define the term cut. 1 mark
  2. State three (3) factors that affect wound healing. 3 marks
  3. State five (5) effective methods you would use on Jimmy to lower the

incidence of wound infection. 5 marks

* 1. State three (3) complications of wound healing. 3 marks