**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

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

**END OF SECOND BLOCK EXAMINATION**

**CARDIOVASCULAR CONDITIONS EXAM**

DATE: 2/4/2014 TIME: 8.30 – 11.30 AM

**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) CARDIOVASCULAR CONDITIONS – 2 MARKS**

Q.1. Which of the following best describe the definition of an embolus:

1. A mass of material carried in the blood (moving clot).
2. Tissue death because of interrupted blood supply.
3. Atheromatous plague patchy changes that develop in the tunica intima of arteries.
4. Varicose vein.

Q.2. Which of the following is a possible causative organism of rheumatic heart disease:

1. Staphylococci aureas.
2. A beta haemolytic rheumatic streptococcal pharyngitis.
3. Clostridium difficile.
4. Pneumococci caranii.

**PART TWO: SHORT ANSWER QUESTIONS CARDIOVASCULAR CONDITIONS – 20 MARKS**

Q.1. Define aneurism. 1 mark

Q.2. Explain the pathophysiology of cardiac failure. 6 marks

Q.3. Outline three (3) organs affected by right sided congestive cardiac failure. 3 mark

Q.4. State four (4) factors that affect cardiac output. 4 marks

Q.5.Draw a well labelled diagram a human heart explaining the flow of blood. 6 marks

**PART THREE: LONG ANSWER QUESTIONS CARDIOVASCULAR CONDITIONS – 18 MARKS**

Q.1. Hypertension is a common disease especially among the elderly.

* 1. Define hypertension. 1 mark
  2. State six (6) possible causes of hypertension. 6 marks
  3. Outline six (6) health messages that the nurse will share with the client and

family members about the disease. 6 marks

* 1. Explain the specific management of atherosclerosis. 5 marks