**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

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

**END OF SECOND BLOCK EXAMINATION**

**PHARMACOLOGY EXAM**

DATE: 2/4/2014 TIME: 1.30 – 4.30 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) PHARMACOLOGY – 10 MKS**

Q.1. Which of the following is a systemic antacid

1. Aluminium hydroxide
2. Sodium bicarbonate
3. Calcium hydroxide
4. Magnesium sulphate

Q.2. Which of the following is not a H2 antagonist

1. Celestamine
2. Ranitidine
3. Famotidine
4. Cemetidine

Q.3. Which of the following is used in TB prophylaxis

1. Isoniazid
2. Gentamicin
3. Ciprofloxacin
4. Streptomycin

Q.4. Which of the following is not a protease inhibitor

1. Lopinavir
2. Azatanavir
3. Indinavir
4. Abacavir

Q.5. Which of the following is used adjuvant therapy of anticancer

1. Metoclopromide
2. Amitriptiline
3. Gentamicin
4. Bleomycin

Q.6. Which of the following is not used in malaria prophylaxis

1. Cotrimoxazole
2. Paludrine
3. Doxycycline
4. Quinine

Q.7. Which of the following drugs is used in treatment of GERD

1. Ranitidine
2. Cetrizine
3. Ciprofloxacin
4. Loperamide

**PART ONE: MCQS (MULTIPLE CHOICE QUESTIONS) PHARMACOLOGY – 10 MKS**

Q.8. Which of the following diuretics can be used in management of glaucoma

1. Spironolactone
2. Furosemide
3. Hydrochlorthiazide
4. Amiloride

Q.9. Which of the electrolyte imbalance would a patient receiving a loop or thiazide diuretic most likely develop.

1. Hypernatremia
2. Hyponatremia
3. Hyperkalemia
4. Hypokalemia

Q.10. Which of the following ADR of antineoplastic drugs is most likely to affect the patients mental health and self esteem

1. Hematuria
2. Aloplecia
3. Nausea
4. Diarrhea

**PART TWO: SHORT ANSWER QUESTIONS PHARMACOLOGY – 30 MARKS**

Q.1. Give four classifications of anticancer drugs with examples. 4 marks

Q.2 . Give two disadvantages of combining adrenaline with lignocaine. 2 marks

Q.3. Give any six adverse drug reactions of anticancer drugs. 3 marks

Q.4. Give the four different mechanisms of actions of laxatives. 4 marks

Q.5. Define diuretics and give any two classifications with examples. 4 marks

Q.6. Give 3 pharmacological actions of H2 blockers. 3 marks

Q.7. Define local anesthesia and give 3 uses. 3 marks

Q.8. Why do we use combination antacids. 2 marks

Q.9. Give any 4 uses of H1 blockers. 2 marks

Q.10. Give three uses of gluccorcoticoids. 3 marks

**PART THREE: LONG ANSWER QUESTIONS PHARMACOLOGY – 30 MARKS**

Q.1. Discuss the management of Tuberculosis in detail. 15 marks

Q.2. Discuss the management of hypertension in detail. 15 marks