

**W1-2-60-1-6**

## JOMO KENYATTA UNIVERSITY

**OF**

**AGRICULTURE AND TECHNOLOGY**

# UNIVERSITY EXAMINATIONS 2015/2016

**FOURTH YEAR SECOND SEMESTER EXAMINATION**

**FOR THE DEGREE OF BACHELOR OF PHARMACY**

**PHA 2510: CLINICAL PHARMACY V**

**DATE: APRIL 2016 TIME: 3 HOURS**

**INSTRUCTIONS: ANSWER ALL QUESTIONS IN SECTION A AND**

**ANY OTHER TWO QUESTIONS IN SECTION B**

**SECTION A: EACH QUESTION IS 5 MARKS**

1. Describe five causes of secondary hypertension. [5 marks]
2. By use of examples, describe five groups of drugs used in

the management of osteo arthritis. [5 marks]

1. Describe five lifestyle changes that a patient suffering

from stable Angina Pectoris should adopt. [5 marks]

1. Identify five risk factors for developing insomnia and

explain its pharmaceutical management. [5 marks]

1. Describe five types of Anxiety disorders. [5 marks]
2. Describe the mechanisms of action of five groups of

drugs used in the management of a patient having a

myocardial infarction. [5 marks]

1. Describe five causes of secondary disilipidaemia. [5 marks]
2. Differentiate between Dementia and Delirium based

on the clinical symptoms. [5 marks]

1. Describe five types of drugs used as second line drugs

in the management of rheumatoid arthritis. [5 marks]

1. Describe four types of drugs used in the management

of Gout and state instances when one is preferred

over the other. [5 marks]

1. Explain five risk factors for developing Angina Pectoris. [5 marks]
2. Explain the non pharmaceutical and pharmaceutical

management of Anxiety [5 marks]

**SECTION B: EACH QUESTION IS 20 MARKS**

1. Discuss Heart failure under the following sub-headings:
2. Clinical presentation [5 marks]
3. Investigations [5 marks]
4. Management [10 marks]
5. Discuss Hypertension under the sub-topic below:
6. Long term complications [8 marks]
7. Non Pharmacological interventions [7 marks]
8. Pharmacological interventions [5 marks]
9. Discuss coronary artery disease (CAD) under the

following sub-headings:

1. Risk factors
2. Non pharmacological management
3. Pharmacological management