



TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF APPLIED AND HEALTH SCIENCES

DEPARTMENT OF MEDICAL SCIENCES

UNIVERSITY EXAMINATION FOR:

MMPV 15 S

AML 5110: Chemotherapy of Parasitic Disease

END OF SEMESTER EXAMINATION

SERIES: August 2016

TIME: 3 HOURS

DATE: August 2016

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **Five Questions**. Attempt **three questions**.

Do not write on the question paper.

Question ONE

Define drug resistance in parasitic infections of the following; Toxoplasmosis and Trichomoniasis (20 marks).

Question TWO

Discuss treatment of Hydatidosis (Echinococcus) infection in human beings (20 marks).

Question THREE

Describe two parasitological methods (floatac and mini-parasep - faecal concentrator) used in assessing drug efficacy (20 marks).

Question FOUR

Discuss the structural categories of anti-protozoa compounds used in treatment of humans (20 marks).

Question FIVE

Describe the mode of action of anti-arthropod compounds (ivermectin, organophosphates, arsenic trioxide) affecting the nervous system (20 marks).